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Ohio Labor Market Information

Labor Market Review

December 1986

Summary. The number of jobless Ohioans increased 39,000 from November to December, raising the seasonally adjusted unemployment rate from 7.2 percent to 7.9 percent, according to the latest household survey. The U.S. rate declined from 6.9 percent in November to 6.7 percent in December. Ohio's civilian labor force, at 5,290,000, was 24,000 greater than in November. Total employment dropped 15,000, to 4,872,000. Seasonally adjusted nonagricultural wage and salary employment, at 4,569,000, was up 12,000 from November according to the most recent employer survey. Gains in services and manufacturing accounted for much of the increase. (See page 3.)

Factory Employment. Seasonally adjusted manufacturing employment rose 4,000 from November, to 1,098,000 in December. The increase occurred in durable-goods employment while nondurable-goods employment was unchanged. December marks the second consecutive month of improvement in manufacturing employment, after declines during most of 1986.

Nonmanufacturing. Ohio's nonmanufacturing employment in December, at 3,471,000, was 8,000 above the November level. Services rose 5,000, while most other divisions had small gains or remained at their November figures. Seasonally adjusted employment in retail trade, however, dropped slightly.

Over the Year. The civilian labor force increased by 104,000 between December 1985 and December 1986. Total employment rose 123,000, while the number of unemployed fell 19,000. The unemployment rate fell from 8.4 percent to 7.9 percent over the year and the national rate dropped from 7.0 percent to 6.7 percent. Nonfarm wage and salary employment in Ohio was up 120,000 from December 1985, due chiefly to growth in nonmanufacturing, especially in services and retail trade. Losses in durable-goods industries accounted for most of the decline in manufacturing employment.

Factory Hours and Earnings. Manufacturing production workers in Ohio had an average workweek of 43.2 hours in December, up .6 hours from November. They grossed an average of $508.46 per week, up $11.32 from last month. Nearly all manufacturing industries had higher earnings in December. The most significant increases were in motor vehicles and equipment, electric lighting and wiring equipment, blast furnace and basic steel products, iron and steel foundries, and household appliances. The only notable decline in earnings occurred in commercial printing.

Benefits and Costs. Initial claims filed under the Ohio Unemployment Compensation Law numbered 109,051 in December, up 61.1 percent from November and up 3.9 percent from December 1985. Total benefits, at $58.1 million, rose 29.1 percent from last month. The average benefit check increased $.33, to $150.68. The average weekly number of benefit recipients rose 13,482, to 90,801. There were 193,872 active employer accounts at the end of December, up 394 from November.

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

SAVE MONEY, HIRE A VET

The Emergency Veterans' Job Training Program (EVJTA) was created to help industry fill permanent positions that involve significant training of at least six months to Korean conflict and Vietnam-era veterans.

* Employers are provided with 50 percent of the starting wage, up to $10,000 per veteran, when they hire and train veterans in a growth industry or a technology-based or demand occupation.

* Training will be funded for between six and nine months.

* Half the cost of training, up to $10,000, paid directly to the employer, is invoiced quarterly. Small businesses can arrange to invoice monthly.

Contact your nearest local OBES office for further information.

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Seasonally Adjusted Civilian Labor Force & Nonagricultural Wage & Salary Employment Estimates for Ohio[a]

	Estimates (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	Dec. 1986	Nov. 1986	Dec. 1985	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,290	5,266	5,186	24	104	0.5	2.0
Employment	4,872	4,887	4,749	-15	123	-0.3	2.6
Unemployment	418	379	437	39	-19	10.3	-4.3
Unemployment Rate	7.9	7.2	8.4				
Employer Survey Data[e]							
Total	4,569	4,557	4,449	12	120	0.3	2.7
Manufacturing	1,098	1,095	1,126	4	-27	0.3	-2.4
Durable Goods	747	744	772	4	-24	0.5	-3.2
Nondurable Goods	351	351	354	0	-3	0.0	-0.8
Nonmanufacturing	3,471	3,463	3,323	8	148	0.2	4.4
Mining	24	24	26	0	-2	0.4	-7.3
Construction	168	166	158	1	10	0.8	6.1
Transportation and Public Utilities	207	207	204	1	4	0.4	1.9
Wholesale Trade	258	257	251	1	7	0.2	2.7
Retail Trade	852	852	809	-1	43	-0.1	5.3
Finance, Insurance, and Real Estate	233	233	222	0	12	0.2	5.2
Services	1,050	1,045	984	5	66	0.5	6.7
Government	679	678	670	1	9	0.1	1.4
Goods Producing Industries[f]	1,290	1,285	1,310	5	-20	0.4	-1.5
Service Producing Industries[g]	3,279	3,272	3,139	7	140	0.2	4.5

[a]Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b]Changes are computed from unrounded numbers. [c]Percentages are computed from unrounded numbers. [d]From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence provided by the U.S. Bureau of Labor Statistics. [e]From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review. [f]Includes Mining, Construction, and Manufacturing. [g]Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance and Real Estate, Services, and Government.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rate		
Total	Employed	Unemployed	Ohio	U.S.	
					1984
5,124	4,656	468	9.1	7.3	December
					1985
5,111	4,667	444	8.7	7.4	January
5,135	4,678	457	8.9	7.3	February
5,143	4,673	470	9.1	7.2	March
5,148	4,684	464	9.0	7.3	April
5,071	4,659	412	8.1	7.2	May
5,065	4,623	442	8.7	7.3	June
5,100	4,626	474	9.3	7.3	July
5,104	4,645	459	9.0	7.1	August
5,154	4,678	476	9.2	7.1	September
5,154	4,688	466	9.0	7.1	October
5,181	4,723	458	8.8	7.0	November
5,186	4,749	437	8.4	7.0	December
					1986
5,226	4,758	468	9.0	6.8	January
5,357	4,890	467	8.7	7.2	February
5,311	4,919	392	7.4	7.2	March
5,265	4,842	423	8.0	7.1	April
5,197	4,778	419	8.1	7.2	May
5,184	4,722	462	8.9	7.1	June
5,181	4,766	415	8.0	7.0	July
5,161	4,740	421	8.2	6.8	August
5,158	4,720	438	8.5	7.0	September
5,204	4,803	401	7.7	6.9	October
5,266	4,887	379	7.2	6.9	November
5,290	4,872	418	7.9	6.7	December

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

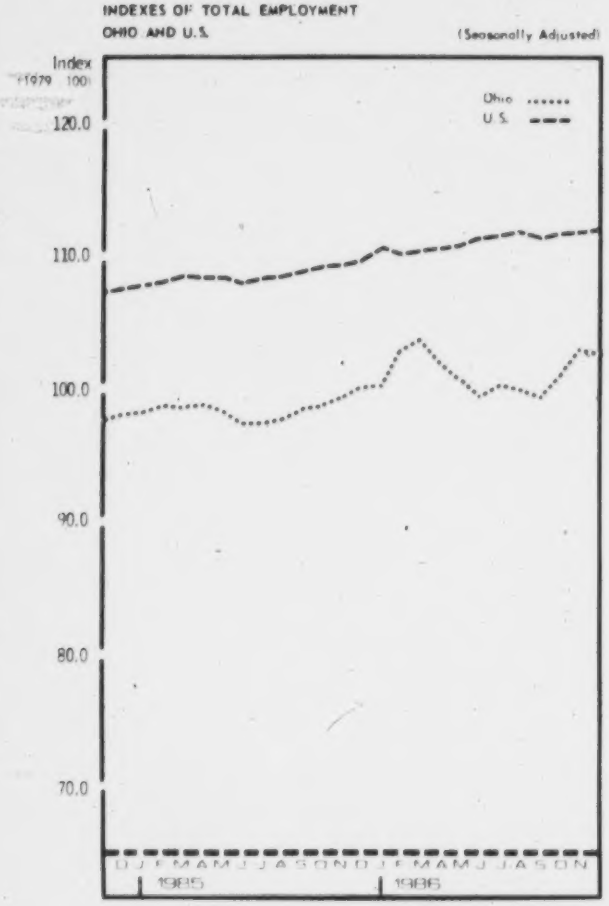
Total Nonagricultural	Manufacturing			
		Durable	Nondurable	
				1984
4,327	1,137	781	355	December
				1985
4,323	1,134	779	355	January
4,328	1,133	778	356	February
4,343	1,129	774	355	March
4,358	1,127	772	355	April
4,376	1,127	772	355	May
4,367	1,123	769	354	June
4,376	1,118	767	351	July
4,384	1,116	763	353	August
4,394	1,110	757	353	September
4,410	1,115	763	353	October
4,430	1,121	767	354	November
4,449	1,126	772	354	December
				1986
4,483	1,130	774	357	January
4,482	1,127	769	358	February
4,482	1,117	761	356	March
4,494	1,114	760	354	April
4,504	1,104	752	353	May
4,503	1,102	750	351	June
4,507	1,094	745	349	July
4,521	1,095	745	350	August
4,523	1,089	739	351	September
4,536	1,085	735	350	October
4,557	1,095	744	351	November
4,569	1,098	747	351	December

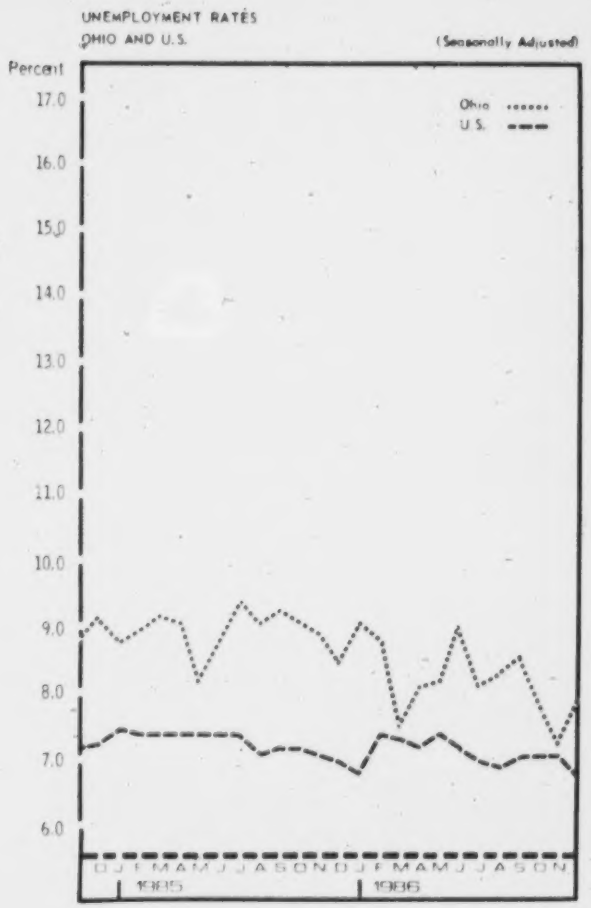
Ohio Nonmanufacturing Wage & Salary Employment

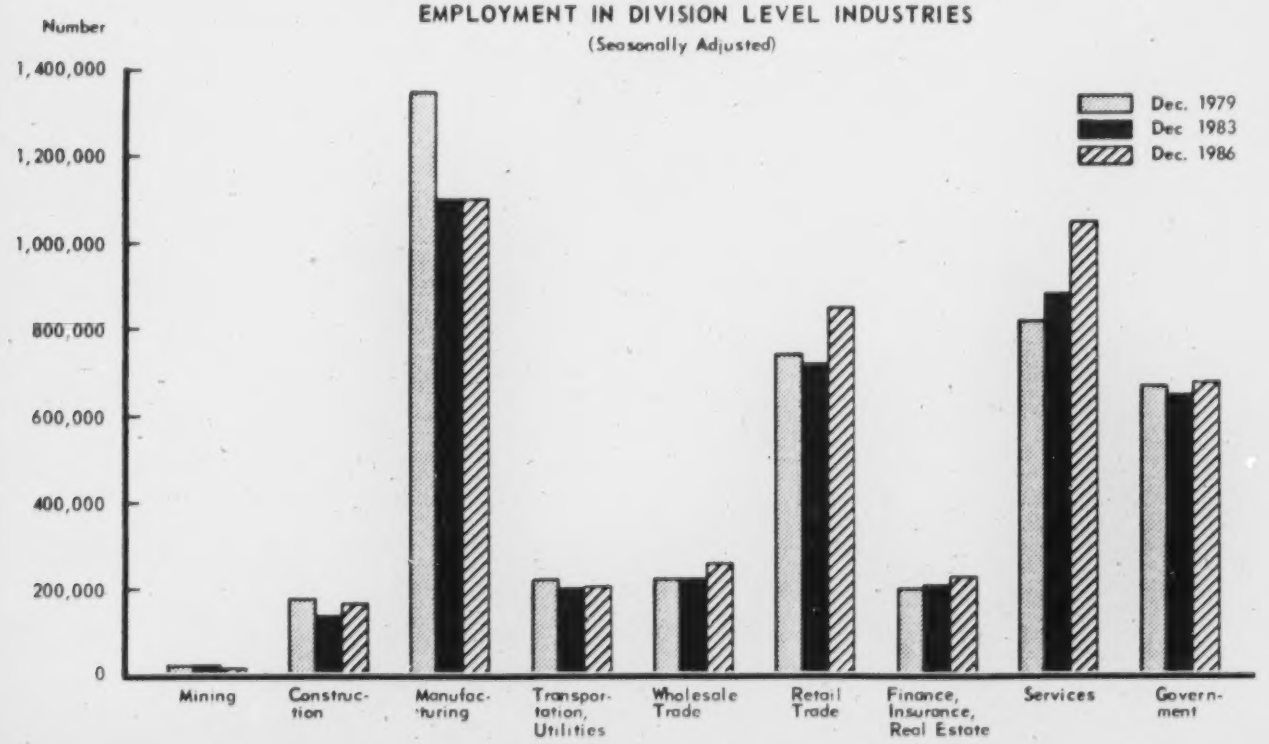
(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance & Real Estate	Services	Government
					1984				
3,190	27	151	203	242	December	767	214	925	660
					1985				
3,189	27	151	203	243	January	770	215	927	654
3,195	27	148	203	244	February	771	215	929	658
3,213	27	151	203	244	March	777	216	934	662
3,231	27	154	203	245	April	781	216	943	663
3,249	27	156	203	246	May	787	218	950	664
3,244	26	153	202	245	June	788	218	949	663
3,259	26	153	202	246	July	792	219	955	666
3,268	26	155	201	247	August	795	219	959	667
3,284	26	155	202	248	September	798	220	964	670
3,294	26	156	203	249	October	803	221	968	669
3,309	26	156	203	250	November	806	222	975	670
3,323	26	158	204	251	December	809	222	984	670
					1986				
3,353	27	160	204	252	January	820	223	991	677
3,356	26	159	204	253	February	824	224	993	673
3,365	26	158	204	254	March	828	225	997	674
3,380	26	161	204	254	April	831	226	1004	675
3,400	25	162	203	255	May	834	227	1016	678
3,401	25	162	198	254	June	837	228	1021	678
3,412	24	163	202	254	July	837	230	1026	677
3,426	24	163	204	255	August	842	230	1030	679
3,434	24	165	205	255	September	843	231	1033	679
3,450	24	165	206	256	October	850	232	1038	679
3,463	24	166	207	257	November	852	233	1045	678
3,471	24	168	207	258	December	852	233	1050	679

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 6. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review.


INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S.
(Seasonally Adjusted)
Index
1979 100
120.0
110.0
100.0
90.0
80.0
70.0
Ohio
U.S.
J J F M A M J J A S O N D J F M A M J J A S O N
1985
1986


UNEMPLOYMENT RATES
OHIO AND U.S.
(Seasonally Adjusted)
Percent
17.0
16.0
15.0
14.0
13.0
12.0
11.0
10.0
9.0
8.0
7.0
6.0
Ohio
U.S.
J J F M A M J J A S O N D J F M A M J J A S O N
1985
1986


EMPLOYMENT IN DIVISION LEVEL INDUSTRIES
(Seasonally Adjusted)
Number
1,400,000
1,200,000
1,000,000
800,000
600,000
400,000
200,000
0
Dec. 1979
Dec 1983
Dec. 1986
Mining
Construc-tion
Manufac-turing
Transpor-tation, Utilities
Wholesale Trade
Retail Trade
Finance, Insurance, Real Estate
Services
Govern-ment

Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rate			Total Nonagricultural Wage & Salary Employment (in thousands)			
							Manufacturing		
Total	Employed	Unemployed	Ohio	U.S.				Durable Goods	Nondurable Goods
4,723	4,294	429	9.1	8.5	1975	4,016.2	1,267.5	892.4	375.1
4,751	4,380	370	7.8	7.7	1976	4,094.6	1,295.3	910.6	384.6
4,833	4,520	312	6.5	7.1	1977	4,230.1	1,344.1	945.2	398.9
4,959	4,690	268	5.4	6.1	1978	4,394.9	1,377.2	974.5	402.7
5,059	4,760	299	5.9	5.8	1979	4,484.8	1,382.3	980.5	401.8
5,089	4,663	426	8.4	7.1	1980	4,367.4	1,264.3	882.6	381.8
5,100	4,608	492	9.6	7.6	1981	4,317.7	1,232.6	860.4	372.2
5,114	4,474	640	12.5	9.7	1982	4,124.3	1,099.9	752.4	347.5
5,099	4,478	621	12.2	9.6	1983	4,092.5	1,066.0	723.6	342.4
5,089	4,609	480	9.4	7.5	1984	4,260.2	1,127.0	773.4	353.6
5,130	4,675	455	8.9	7.2	1985	4,378.6	1,123.1	769.1	354.0
					1985				
5,156	4,721	436	8.5	6.7	December	4,483.7	1,123.6	749.5	354.1
					1986				
5,121	4,647	474	9.3	7.3	January	4,393.4	1,119.3	766.7	352.7
5,212	4,740	472	9.1	7.8	February	4,387.1	1,114.2	761.2	353.0
5,226	4,812	414	7.9	7.5	March	4,418.5	1,111.9	759.1	352.7
5,217	4,804	413	7.9	7.0	April	4,481.6	1,110.8	759.6	351.2
5,180	4,791	389	7.5	7.0	May	4,533.2	1,105.7	753.8	351.9
5,259	4,802	457	8.7	7.3	June	4,549.1	1,109.3	756.1	353.2
5,287	4,875	412	7.8	7.0	July	4,515.6	1,096.8	746.5	350.3
5,255	4,832	422	8.0	6.7	August	4,526.0	1,098.5	744.4	354.1
5,184	4,750	434	8.4	6.8	September	4,570.1	1,100.3	743.9	356.4
5,259	4,851	408	7.8	6.6	October	4,584.4	1,089.2	737.4	351.9
5,279	4,891	388	7.3	6.6	November	4,602.2	1,096.7	745.0	351.7
5,256	4,839	418	7.9	6.3	December	4,605.7	1,096.0	744.9	351.1

Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance & Real Estate	Services	Government
2,748.7	26.8	134.9	213.2	203.5	1975	664.5	173.1	686.3	626.4
2,799.3	28.2	134.2	213.7	208.4	1976	682.4	177.0	703.2	632.2
2,886.0	29.1	162.8	219.1	214.6	1977	703.2	183.4	731.4	642.3
3,017.7	29.0	176.6	225.0	226.0	1978	730.4	191.1	772.1	667.5
3,102.5	31.6	182.9	232.1	232.8	1979	742.4	200.6	806.2	674.0
3,103.0	30.7	167.4	223.1	230.6	1980	726.6	203.8	830.9	689.9
3,085.1	30.7	153.7	217.2	232.5	1981	717.7	205.8	851.6	676.0
3,024.4	30.3	134.6	206.8	226.0	1982	703.4	206.4	857.3	659.6
3,026.5	26.6	130.8	198.5	222.5	1983	711.0	207.8	873.3	656.1
3,133.1	27.8	144.8	203.9	236.7	1984	748.0	211.5	905.2	655.2
3,255.5	26.4	154.1	202.5	246.5	1985	789.8	218.3	953.3	664.7
					1985				
3,360.1	26.2	155.7	204.4	251.2	December	838.7	221.6	976.5	685.8
					1986				
3,274.0	25.9	134.9	199.3	249.5	January	802.2	221.3	965.7	675.2
3,272.9	25.4	129.8	199.4	249.4	February	790.3	222.0	972.0	684.7
3,306.7	24.9	135.7	200.4	251.2	March	801.3	223.0	982.1	688.1
3,370.8	25.0	150.9	202.6	253.1	April	821.4	225.1	1,005.4	687.3
3,427.5	25.1	162.5	203.9	254.5	May	836.8	227.4	1,024.9	692.4
3,439.8	25.0	170.8	200.3	255.8	June	843.2	229.9	1,037.9	677.0
3,418.8	25.1	178.2	204.4	255.9	July	843.8	232.5	1,038.1	640.9
3,427.5	24.8	182.0	206.2	256.6	August	850.1	232.8	1,039.8	635.3
3,469.8	24.5	182.9	207.1	256.3	September	853.1	231.7	1,047.0	667.2
3,495.2	24.4	183.2	207.7	256.9	October	857.7	231.7	1,044.4	689.0
3,505.5	24.5	176.9	207.6	257.7	November	869.3	232.3	1,043.9	693.3
3,509.8	24.3	165.4	208.2	258.0	December	883.1	233.2	1,042.5	695.2

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages are computed from unrounded figures. All data exclude military personnel.

Employment, Hours & Earnings in Manufacturing in Ohio

Manufacturing Employment

Manufacturing				Production Workers in Manufacturing		
	Durable Goods	Nondurable Goods		Production Workers (in thousands)	Aggregate Weekly Payrolls (in millions)	Aggregate Weekly Hours (in millions)
1,267.5	892.4	375.1	1975	897.8	$201.5	36.2
1,295.3	910.6	384.6	1976	926.1	233.9	38.2
1,344.1	945.2	398.9	1977	958.0	271.2	40.2
1,377.2	974.5	402.7	1978	985.5	307.5	41.5
1,382.3	980.5	401.8	1979	979.0	318.5	40.6
1,264.3	882.6	381.8	1980	867.8	301.9	35.2
1,232.6	860.4	372.2	1981	847.7	330.4	34.7
1,099.9	752.4	347.5	1982	735.7	297.1	29.5
1,066.0	723.6	342.4	1983	721.6	315.4	29.9
1,127.0	773.4	353.6	1984	781.5	362.3	33.1
1,123.1	769.1	354.0	1985	773.4	369.7	32.5
			1985			
1,123.6	769.5	354.1	December	773.5	387.2	33.3
			1986			
1,119.3	766.7	352.7	January	769.1	375.5	32.5
1,114.2	761.2	353.0	February	764.1	373.4	32.2
1,111.9	759.1	352.7	March	762.5	372.3	32.2
1,110.8	759.6	351.2	April	761.7	366.8	31.8
1,105.7	753.8	351.9	May	757.0	363.5	31.6
1,109.3	756.1	353.2	June	758.9	365.7	31.8
1,096.8	746.5	350.3	July	745.8	354.8	30.9
1,098.5	744.4	354.1	August	747.8	360.0	31.3
1,100.3	743.9	356.4	September	750.7	365.8	31.8
1,089.2	737.4	351.9	October	740.7	358.1	31.0
1,096.7	745.0	351.7	November	749.7	372.7	31.9
1,096.0	744.9	351.1	December	749.2	380.9	32.4

Production Workers Average Weekly Earnings

Manufacturing				Production Workers Average Weekly Hours				Production Workers Average Hourly Earnings			
	Durable Goods	Nondurable Goods			Durable Goods	Nondurable Goods			Durable Goods	Nondurable Goods	
$224.47	$228.90	$211.85	1975	40.3	40.3	40.2	1975	$5.57	$5.68	$5.27	
252.54	258.75	235.00	1976	41.2	41.4	41.3	1976	6.10	6.25	5.69	
283.08	292.02	258.34	1977	42.0	42.2	41.4	1977	6.74	6.92	6.24	
306.91	316.83	279.30	1978	42.1	42.3	41.5	1978	7.29	7.49	6.73	
325.36	335.30	297.78	1979	41.5	41.6	41.1	1979	7.84	8.06	7.25	
347.94	358.57	319.99	1980	40.6	40.7	40.2	1980	8.57	8.81	7.96	
389.78	401.64	358.16	1981	40.9	40.9	40.7	1981	9.53	9.82	8.80	
403.81	414.80	378.95	1982	40.1	40.0	40.4	1982	10.07	10.37	9.38	
437.18	452.35	402.52	1983	41.4	41.5	41.2	1983	10.56	10.90	9.77	
463.61	482.38	417.83	1984	42.3	42.5	41.7	1984	10.96	11.35	10.02	
477.96	499.56	425.80	1985	42.0	42.3	41.3	1985	11.38	11.81	10.31	
			1985				1985				
500.52	526.44	439.10	December	43.0	43.4	42.1	December	11.64	12.13	10.43	
			1986				1986				
488.25	511.70	434.51	January	42.2	42.5	41.7	January	11.57	12.04	10.42	
488.68	512.90	432.41	February	42.2	42.6	41.3	February	11.58	12.04	10.47	
488.25	512.48	433.46	March	42.2	42.6	41.4	March	11.57	12.03	10.47	
481.54	504.71	426.59	April	41.8	42.2	40.9	April	11.52	11.96	10.43	
480.28	499.80	434.89	May	41.8	42.0	41.3	May	11.49	11.90	10.53	
481.85	500.99	439.71	June	41.9	42.1	41.6	June	11.50	11.90	10.57	
475.69	491.00	438.19	July	41.4	41.4	41.3	July	11.49	11.86	10.61	
481.43	500.99	439.30	August	41.9	42.1	41.6	August	11.49	11.90	10.56	
487.30	507.03	443.72	September	42.3	42.5	41.9	September	11.52	11.93	10.59	
483.53	502.25	444.52	October	41.9	42.1	41.7	October	11.54	11.93	10.62	
497.14	517.80	449.40	November	42.6	42.9	42.0	November	11.67	12.07	10.70	
508.46	529.83	457.07	December	43.2	43.5	42.4	December	11.77	12.18	10.78	

*Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to total's due to rounding.

Employment & Average Weekly Earnings in Selected Major Manufacturing Industries in Ohio*

Employment

(in thousands)

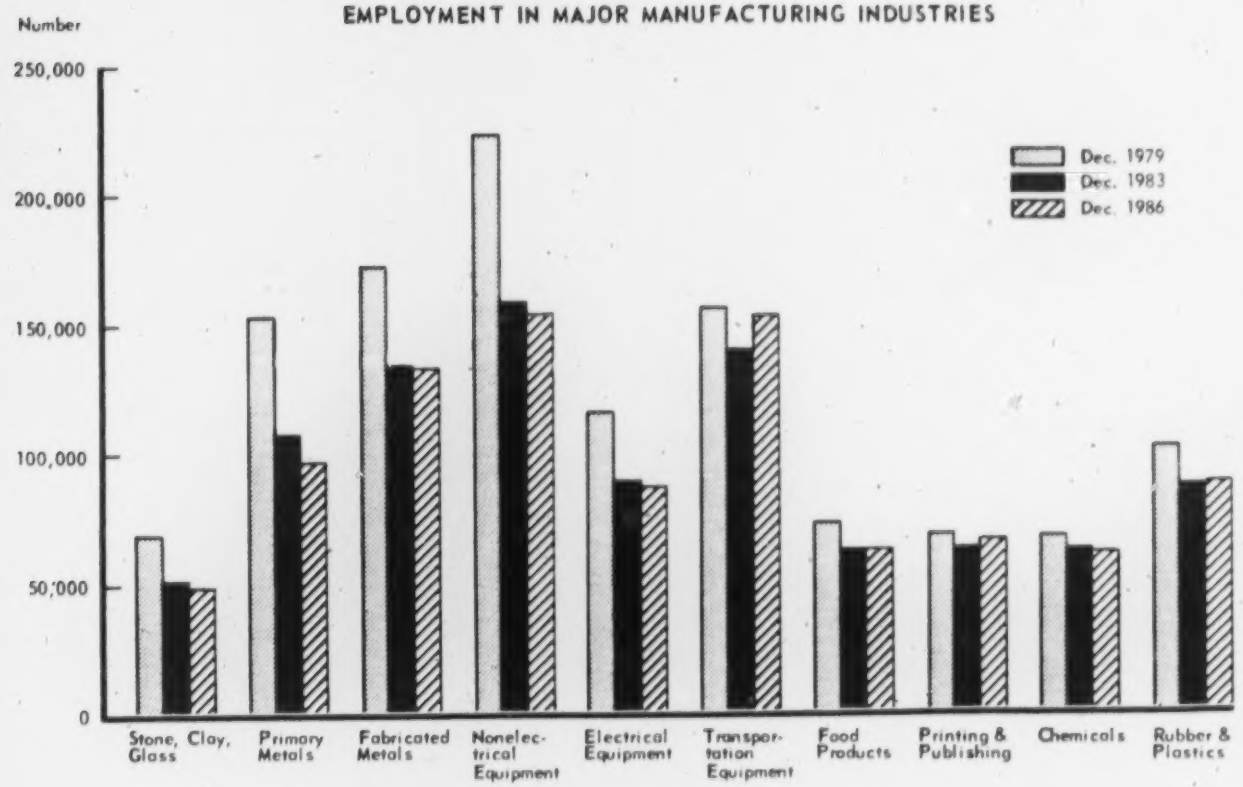
Stone, Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products		Machinery Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
65.0	151.5	150.9	1975	207.7	112.3	140.8	1975	73.5	64.8	94.8
66.3	154.6	157.9	1976	205.9	115.5	143.0	1976	73.8	64.5	98.2
67.1	157.7	166.5	1977	210.7	120.9	151.8	1977	74.4	65.4	107.4
69.3	157.5	173.3	1978	216.7	122.2	164.1	1978	74.6	66.6	107.4
69.7	158.9	175.5	1979	223.6	117.6	165.8	1979	74.4	67.6	106.7
64.5	139.8	157.6	1980	211.4	106.4	139.1	1980	72.7	67.4	92.7
61.0	138.3	154.9	1981	204.2	101.9	136.9	1981	69.2	66.1	89.0
54.2	112.7	134.9	1982	176.7	93.4	121.7	1982	66.9	63.2	80.4
52.1	104.1	129.7	1983	154.3	89.4	132.1	1983	63.4	62.8	82.7
52.5	108.9	138.7	1984	167.3	93.1	144.9	1984	62.8	65.1	90.8
50.4	102.7	138.9	1985	166.2	90.5	151.7	1985	62.7	66.6	91.0
			1985				1985			
49.8	102.7	137.3	December	163.4	89.0	158.3	December	63.0	67.6	91.1
			1986				1986			
49.3	103.0	136.6	January	163.0	89.1	157.9	January	62.6	67.3	90.8
48.7	102.8	136.0	February	160.7	88.2	156.3	February	62.4	67.1	91.7
48.6	102.6	136.7	March	160.2	87.7	154.2	March	62.3	67.3	91.7
50.0	102.5	136.2	April	159.7	88.4	153.3	April	61.6	67.3	91.4
50.0	101.7	135.8	May	158.6	87.7	149.7	May	62.8	67.3	90.9
50.5	100.3	135.9	June	158.2	87.7	152.8	June	63.5	67.3	91.3
50.3	96.9	133.6	July	156.8	87.1	152.3	July	63.8	67.3	88.7
50.6	94.8	133.7	August	156.1	88.4	150.0	August	67.1	67.3	88.7
50.4	92.9	135.3	September	156.0	88.1	150.1	September	67.5	67.6	89.6
48.5	93.8	134.1	October	150.5	88.1	151.4	October	63.9	67.7	89.1
49.2	96.6	134.4	November	153.9	88.2	152.6	November	63.3	67.8	89.4
49.0	97.0	133.8	December	154.0	88.0	153.1	December	63.4	67.5	89.2

Average Weekly Earnings of Production Workers

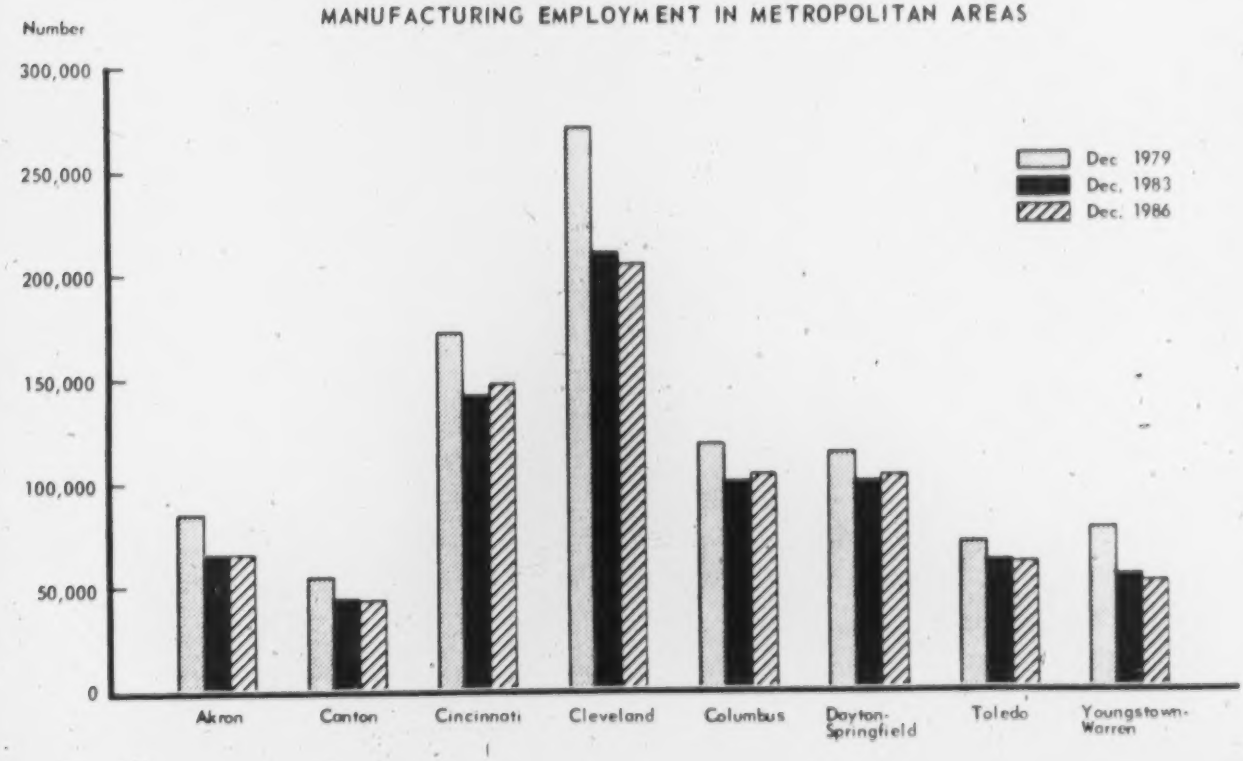
$207.55	$256.46	$224.96	1975	$228.25	$201.30	$263.22	1975	$222.68	$226.95	$213.31
232.40	294.58	256.68	1976	253.31	221.54	302.87	1976	242.92	252.20	237.30
253.95	329.54	290.44	1977	279.18	248.44	359.20	1977	258.54	271.96	263.97
274.81	366.24	307.23	1978	306.16	268.45	389.66	1978	281.15	285.18	282.73
293.34	393.43	323.38	1979	329.09	289.27	391.56	1979	304.50	302.62	300.66
315.43	422.01	349.34	1980	352.77	316.31	414.83	1980	329.85	320.92	323.61
348.02	484.04	389.61	1981	389.16	350.27	471.50	1981	362.75	347.70	368.67
376.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	358.45	381.11
400.57	503.85	460.65	1983	424.09	394.63	557.92	1983	403.79	375.62	412.25
419.15	537.21	475.30	1984	467.61	420.65	603.46	1984	419.19	386.30	419.99
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	395.14	429.17
			1985				1985			
441.60	565.30	519.50	December	489.46	466.99	677.37	December	405.87	424.51	443.23
			1986				1986			
437.22	555.59	500.65	January	480.11	454.30	649.52	January	405.32	403.37	442.96
434.84	561.19	496.18	February	483.51	460.06	652.24	February	402.98	400.62	438.44
446.37	550.78	506.32	March	489.20	459.80	644.67	March	395.39	408.67	438.60
444.11	546.40	495.01	April	482.22	452.79	632.60	April	399.10	398.91	423.43
446.37	547.80	486.36	May	481.20	451.28	620.54	May	419.67	407.33	433.15
443.56	546.89	494.06	June	483.07	450.58	616.40	June	417.91	402.80	443.66
442.24	548.05	472.65	July	473.30	448.11	600.66	July	431.04	406.75	431.38
449.86	566.46	486.99	August	481.85	452.35	616.40	August	422.99	410.80	438.65
447.62	559.68	494.38	September	485.41	464.88	629.31	September	420.33	417.40	441.34
447.44	563.50	488.36	October	482.58	456.77	610.76	October	426.72	418.95	443.23
442.08	583.73	503.01	November	492.33	471.33	646.46	November	423.85	429.37	447.38
440.34	599.35	514.40	December	503.58	495.30	657.48	December	437.38	425.71	449.89

*Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES



MANUFACTURING EMPLOYMENT IN METROPOLITAN AREAS



Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	December 1986[b]	November 1986[c]	December 1985[c]	From Last Month	From Last Year
TOTAL	4605.7	4602.2	4483.7	3.6	122.1
MANUFACTURING	1096.6	1096.9	1123.6	- .7	- 27.6
Durable Goods[e]	744.9	745.0	769.5	- .1	- 24.6
Lumber and wood products	18.5	18.9	17.4	- .2	1.1
Furniture and fixtures	14.8	14.7	14.3	.1	.5
Stone, clay, and glass products	49.0	49.2	48.9	- .2	.1
Glass and glassware, pressed or blown	11.4	11.2	10.9	.1	.4
Primary metal industries	97.0	96.6	102.7	.4	- 5.8
Blast furnace and basic steel products	44.2	44.0	46.7	.1	- 2.5
Iron and steel foundries	19.5	19.5	21.2	.1	- 1.7
Nonferrous rolling and drawing	18.3	18.2	19.0	.1	- .7
Fabricated metal products	133.8	134.4	137.3	- .5	- 3.4
Cutlery, hand tools, and hardware	10.1	10.2	11.2	- .0	- 1.1
Fabricated structural metal products	28.3	28.5	28.3	- .2	.1
Metal forgings and stampings	42.2	41.9	43.3	.3	- 1.1
Machinery, except electrical	154.0	153.9	163.4	.2	- 9.4
Construction and related machinery	13.0	13.0	14.6	.0	- 1.7
Metalworking machinery	39.5	39.8	41.5	- .3	- 2.0
Special industry machinery	15.7	15.7	18.1	.0	- 2.5
General industrial machinery	28.1	27.9	30.0	.2	- 1.9
Office and computing machines	13.5	13.6	13.2	- .1	.3
Refrigeration and service machinery	16.7	16.6	16.7	.1	.0
Electric and electronic equipment	88.0	88.2	89.0	- .2	- 1.0
Electrical industrial apparatus	16.8	16.7	17.4	- .2	- .6
Household appliances	17.1	17.2	17.0	- .1	.1
Electric lighting and wiring equipment	17.3	17.1	17.5	.2	- .2
Communication equipment	10.0	10.0	10.5	.0	- .6
Transportation equipment	153.1	152.6	156.3	.6	- 3.2
Motor vehicles and equipment	96.9	96.4	103.6	.5	- 6.8
Aircraft and parts	47.8	47.3	46.3	.2	1.3
Instruments and related products	23.7	23.8	23.5	.0	- .8
Measuring and controlling devices	12.5	12.6	12.6	- .1	- .1
Nondurable Goods[f]	351.1	351.7	354.1	- .6	- 3.0
Food and kindred products	63.4	63.3	63.0	.2	.4
Meat products	10.2	10.1	10.3	.1	- .1
Dairy products	9.7	9.8	10.0	.0	- .3
Preserved fruits and vegetables	10.9	10.9	10.4	.1	.5
Bakery products	9.0	8.9	8.7	.1	.3
Beverages	10.0	10.2	10.2	- .2	- .2
Apparel and other textile products	16.4	16.8	16.8	- .4	- .4
Paper and allied products	36.5	36.5	36.9	.0	- .4
Misc. converted paper products	12.1	12.1	12.2	.0	- .0
Paperboard containers and boxes	11.8	11.8	11.9	.0	- .1
Printing and publishing	67.5	67.8	67.6	- .3	- .1
Newspapers	19.1	19.0	19.1	.1	.0
Commercial printing	25.9	26.1	25.8	- .2	.1
Chemicals and allied products	61.5	61.2	61.4	.3	.2
Industrial inorganic chemicals	9.6	9.6	9.4	.0	.2
Rubber and misc. plastics products	89.2	89.4	91.1	- .2	- 1.9
Tires and inner tubes	18.1	18.2	18.7	- .1	- .6
Miscellaneous plastics products	52.1	52.1	52.4	.0	- .3

See footnotes on page 13

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[a] (in thousands)	
	December 1986[b]	November 1986[c]	December 1985[c]	From Last Month	From Last Year
NONMANUFACTURING	3609.8	3600.5	3561.1	+9.3	+48.7
MINING	24.3	24.3	25.2	- .0	- .9
Bituminous coal and lignite mining	15.1	15.1	15.9	- .0	- .8
Oil and gas extraction	9.3	9.2	9.3	+.1	- .0
CONSTRUCTION	185.4	176.8	186.7	+11.6	- 1.3
General building contractors	43.8	45.1	40.2	- 2.1	+ 3.6
Heavy construction contractors	20.0	20.4	19.8	- .4	+ .2
Highway and street construction	8.2	8.4	7.6	- .2	+ .6
Special trade contractors	121.6	111.3	126.7	+10.3	- 5.1
TRANSPORTATION AND PUBLIC UTILITIES	208.2	207.8	204.4	+.5	+3.8
Railroad transportation	15.0	15.1	16.3	- .1	- 1.3
Transportation, except railroads	105.0	103.8	98.6	+1.2	+6.4
Trucking and warehousing	75.5	74.4	71.1	+1.1	+4.4
Communication, electric, gas services	88.2	88.3	89.6	- .1	- 1.4
Communication	47.8	47.7	49.1	+.1	- 1.3
Electric, gas, and sanitary services	40.4	40.6	40.7	- .2	- .3
WHOLESALE TRADE	268.0	267.7	261.2	+.3	+6.7
Wholesale trade-durable goods	164.1	163.9	160.0	+.2	+4.1
Motor vehicles & automotive equipment	25.0	25.2	24.7	- .2	+.3
Electrical goods	21.9	21.7	21.1	+.2	+.8
Machinery, equipment, and supplies	68.8	68.7	67.1	+.1	+1.7
Wholesale trade-nondurable goods	93.9	93.8	91.2	+.1	+2.6
Groceries and related products	29.6	29.5	29.2	+.1	+.4
RETAIL TRADE	883.1	869.3	838.7	+13.8	+44.4
General merchandise stores	133.1	126.7	126.2	+6.3	+6.9
Department stores	122.3	116.4	117.9	+5.9	+4.4
Food stores	134.4	132.4	131.8	+2.0	+2.6
Automotive dealers & service stations	96.2	95.1	89.3	+1.1	+6.9
Apparel and accessory stores	44.2	42.2	40.9	+1.9	+3.3
Eating and drinking places	290.4	290.6	286.1	- .1	+4.3
FINANCE, INSURANCE, AND REAL ESTATE	233.2	232.3	227.6	+.9	+5.5
Banking	63.1	62.8	61.2	+.3	+1.9
Credit agencies other than banks	36.8	36.8	34.8	+.1	+2.1
Insurance carriers	60.4	60.0	58.3	+.4	+2.1
Life insurance	21.3	21.2	21.3	+.2	- .0
Fire, marine, and casualty insurance	28.7	28.7	27.9	+.0	+.8
SERVICES	1042.5	1043.9	976.5	- 1.4	+66.0
Hotels and other lodging places	33.9	34.3	32.8	- .4	+1.1
Personal services	58.3	57.9	53.4	+.4	+4.9
Laundry, cleaning, & garment services	19.3	19.4	18.3	- .2	+1.0
Business services	206.9	206.0	184.2	+.9	+22.7
Services to buildings	29.5	29.4	27.3	+.0	+2.1
Computer and data processing services	20.5	20.3	16.9	+.2	+3.6
Amusement and recreation services	35.7	36.8	32.0	- 1.2	+3.7
Health services	348.4	348.4	334.3	+1.1	+15.1
Nursing and personal care facilities	74.1	73.9	71.9	+.3	+2.7
Hospitals	173.9	173.4	167.3	+.5	+6.6
Educational services	68.1	69.8	65.3	- 1.7	+2.8
Colleges and universities	39.6	41.1	36.2	- 1.5	+3.4
GOVERNMENT	695.2	693.1	685.8	+2.0	+9.3
Federal government	93.0	92.3	92.0	+.6	+1.0
State government	155.9	155.1	152.4	+.7	+3.4
State government education	84.3	83.9	82.9	+.3	+1.4
State government, except education	71.6	71.2	69.5	+.4	+2.1
Local government	446.3	445.9	440.5	+.4	+5.8
Local government education	263.0	262.3	257.6	+.7	+5.3
Local government, except education	183.3	183.6	182.9	- .2	+.5

See footnotes on page 13

Hours & Earnings of Production or Nonsupervisory Workers[a]

Ohio

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1986[b]	November 1986[c]	December 1985[c]	Dec. 1986[b]	Nov. 1986[c]	Dec. 1985[c]	Dec. 1986[b]	Nov. 1986[c]	Dec. 1985[c]
MANUFACTURING	$508.46	$497.14	$500.52	43.2	42.6	43.0	$11.77	$11.67	$11.64
Durable Goods[d]	529.83	517.80	526.44	43.5	42.9	43.4	12.18	12.07	12.13
Lumber and wood products	293.85	297.66	290.24	40.7	41.0	40.2	7.22	7.26	7.22
Furniture and fixtures	355.72	348.81	349.83	41.8	41.3	41.4	8.51	8.47	8.45
Stone, clay, and glass products	440.34	442.08	441.60	41.0	41.2	41.7	10.74	10.73	10.59
Glass and glassware, pressed or blown	465.09	467.62	464.94	40.8	41.2	41.0	11.48	11.35	11.34
Primary metal industries	599.35	583.73	565.30	44.2	43.4	42.6	13.56	13.45	13.27
Blast furnace and basic steel products	614.08	596.63	530.27	43.8	42.8	39.4	14.02	13.94	13.29
Iron and steel foundries	666.92	630.54	636.87	46.9	45.2	45.2	14.22	13.95	14.09
Nonferrous rolling and drawing	555.26	570.91	614.98	41.2	41.4	43.4	13.72	13.79	14.17
Fabricated metal products	514.40	503.01	519.50	43.3	42.7	43.4	11.88	11.78	11.97
Cutlery, hand tools, and hardware	488.81	487.12	540.11	40.7	40.9	42.8	12.01	11.91	12.59
Fabricated structural metal products	456.86	457.95	440.48	43.1	43.0	43.1	10.60	10.65	10.22
Metal forgings and stampings	682.65	639.12	670.22	45.7	44.6	45.5	14.50	14.33	14.73
Machinery, except electrical	503.58	492.33	489.46	43.3	42.7	43.2	11.63	11.53	11.33
Construction and related machinery	424.32	421.45	393.42	41.6	41.4	39.5	10.20	10.18	9.96
Metalworking machinery	489.63	475.94	478.51	43.6	42.8	43.8	11.23	11.12	10.93
Special industry machinery	486.82	473.19	492.55	43.7	42.8	44.8	11.14	11.03	10.97
General industrial machinery	523.44	515.46	485.72	42.8	42.6	42.2	12.23	12.10	11.51
Office and computing machines	428.74	414.29	413.36	44.2	43.2	44.4	9.70	9.59	9.31
Refrigeration and service machinery	569.28	568.38	616.52	42.8	42.8	45.1	13.27	13.28	13.67
Electric and electronic equipment	495.30	471.33	466.99	43.6	42.5	42.3	11.36	11.09	11.04
Electrical industrial apparatus	442.08	445.71	446.37	41.2	41.5	41.6	10.73	10.74	10.73
Household appliances	533.98	493.19	476.52	46.1	43.3	41.8	11.84	11.39	11.40
Electric lighting and wiring equipment	540.02	486.36	459.82	44.3	42.0	41.5	12.19	11.58	11.08
Communication equipment	494.08	498.72	515.00	41.8	42.3	43.0	11.82	11.79	12.00
Transportation equipment	657.48	646.46	677.37	45.5	44.8	46.3	14.45	14.43	14.63
Motor vehicles and equipment	672.89	660.67	720.27	46.1	44.4	47.2	14.92	14.88	15.26
Aircraft and parts	631.85	624.70	565.80	46.7	45.8	44.1	13.53	13.61	12.83
Instruments and related products	372.91	364.72	388.92	40.8	40.3	42.0	9.14	9.05	9.26
Measuring and controlling devices	344.36	348.04	391.11	37.8	38.5	41.3	9.11	9.04	9.47
Nondurable Goods	457.07	449.40	439.10	42.4	42.0	42.1	10.78	10.70	10.43
Food and kindred products	437.38	423.85	405.87	42.3	41.8	41.5	10.34	10.14	9.78
Meat products	374.63	379.86	371.48	40.5	41.2	41.0	9.25	9.22	9.06
Dairy products	468.29	459.88	448.24	43.4	43.1	43.7	10.79	10.67	10.26
Preserved fruits and vegetables	416.72	402.52	372.08	41.3	40.7	40.4	10.09	9.89	9.21
Bakery products	464.90	468.33	435.86	39.6	40.2	38.2	11.74	11.65	11.41
Beverages	415.49	413.59	402.52	41.8	41.4	40.7	9.94	9.99	9.89
Apparel and other textile products	272.54	269.46	272.06	37.8	37.6	38.7	7.21	7.14	7.03
Paper and allied products	505.80	493.50	485.50	45.0	44.3	44.5	11.24	11.14	10.91
Misc. converted paper products	487.41	454.82	436.92	44.9	44.2	44.0	10.41	10.29	9.93
Paperboard containers and boxes	443.12	432.72	416.02	43.7	43.1	42.8	10.14	10.04	9.72
Printing and publishing	425.71	429.37	424.51	39.2	39.5	40.2	10.86	10.87	10.56
Newspapers	379.01	381.53	341.63	36.2	35.1	34.3	10.47	10.30	9.96
Commercial printing	414.96	433.78	439.03	39.8	41.0	42.5	10.40	10.58	10.33
Chemicals and allied products	535.98	521.59	508.22	43.2	42.2	42.6	12.43	12.36	11.93
Industrial inorganic chemicals	548.05	555.10	573.20	41.5	41.8	44.4	13.23	13.28	12.91
Rubber and misc. plastics products	449.89	447.38	443.23	43.3	43.1	43.2	10.39	10.38	10.26
Tires and inner tubes	635.15	634.20	613.80	45.4	45.3	45.5	13.99	14.00	13.49
Miscellaneous plastics products	436.03	435.89	432.28	43.3	43.2	43.1	10.07	10.09	10.03

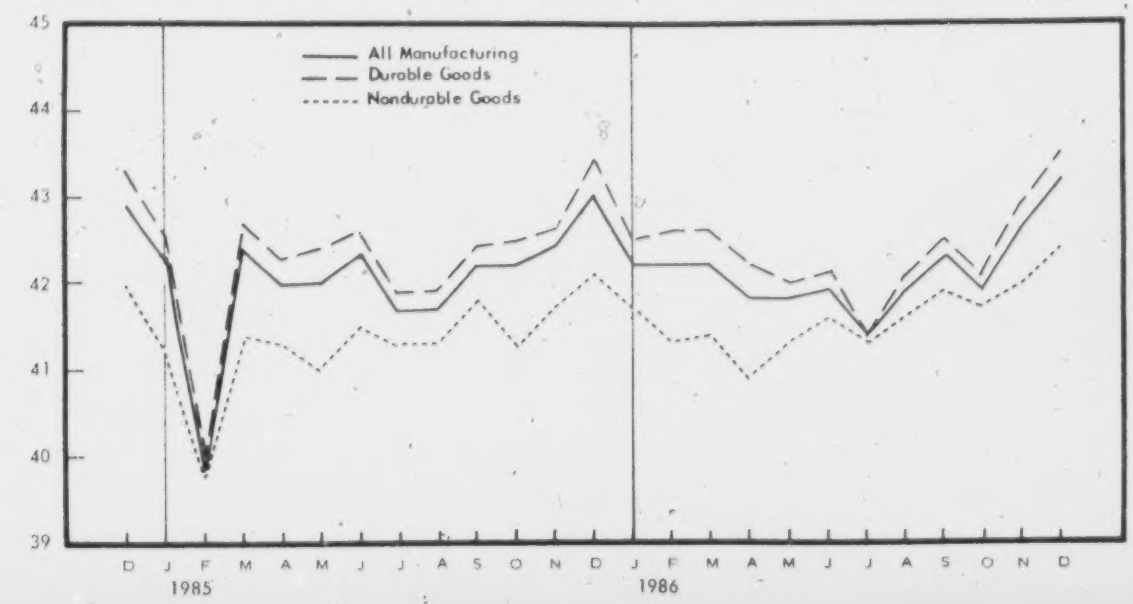
See footnotes on page 13

Hours & Earnings of Production or Nonsupervisory Workers[a]

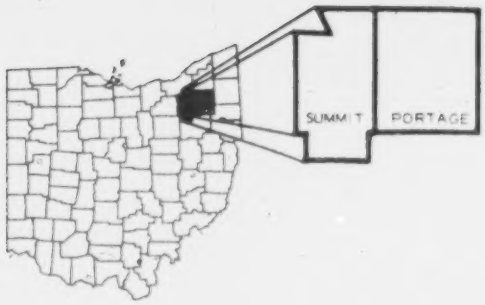
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1986[b]	November 1986[c]	December 1985[c]	Dec. 1986[b]	Nov. 1986[c]	Dec. 1985[c]	Dec. 1986[b]	Nov. 1986[c]	Dec. 1985[c]
MINING	$547.58	$528.96	$516.56	44.7	43.5	44.0	$12.25	$12.15	$11.74
Bituminous coal and lignite mining	651.89	623.83	616.97	42.2	40.8	41.8	15.45	15.29	14.76
CONSTRUCTION	559.36	565.74	586.59	38.0	38.2	37.9	14.72	14.81	15.48
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	548.40	551.26	529.72	41.0	41.2	41.0	13.40	13.38	12.92
Communication	543.45	541.82	525.44	40.8	40.8	40.7	13.32	13.28	12.91
Electric, gas, and sanitary services	557.55	561.60	537.01	41.3	41.6	41.5	13.50	13.50	12.94
WHOLESALE TRADE	372.09	371.99	360.64	39.5	39.7	39.5	9.42	9.37	9.13
Wholesale trade-durable goods	358.70	364.72	357.70	39.6	39.6	39.7	9.26	9.21	9.01
Wholesale trade-nondurable goods	381.39	382.71	365.59	39.4	39.7	39.1	9.68	9.64	9.35
RETAIL TRADE[e]	159.82	157.32	159.72	28.9	28.5	29.2	5.53	5.52	5.47
General merchandise stores	178.09	174.89	185.05	30.6	29.1	31.1	5.82	6.01	5.95
Department stores	182.38	179.26	189.40	30.6	29.1	31.1	5.96	6.16	6.09
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	252.11	250.72	243.66	....	....	....	.....	.....	.....
Credit agencies other than banks	247.19	243.67	235.43	....	....	....	.....	.....	.....
Insurance carriers	343.80	342.96	312.36	....	....	....	.....	.....	.....
SERVICES	.....	.....	.....	....	....	....	.....	.....	.....
Health services	.....	.....	.....	....	....	....	.....	.....	.....
Hospitals	320.08	320.41	312.31	33.1	33.1	33.8	9.67	9.68	9.24

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing, not includes tobacco manufactures, textile mill products, petroleum and coal products, leather and leather products. [f]Money payments only, tips not included. [g]Includes State universities, State schools for deaf and blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. Depressed due to labor-management disputes.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES



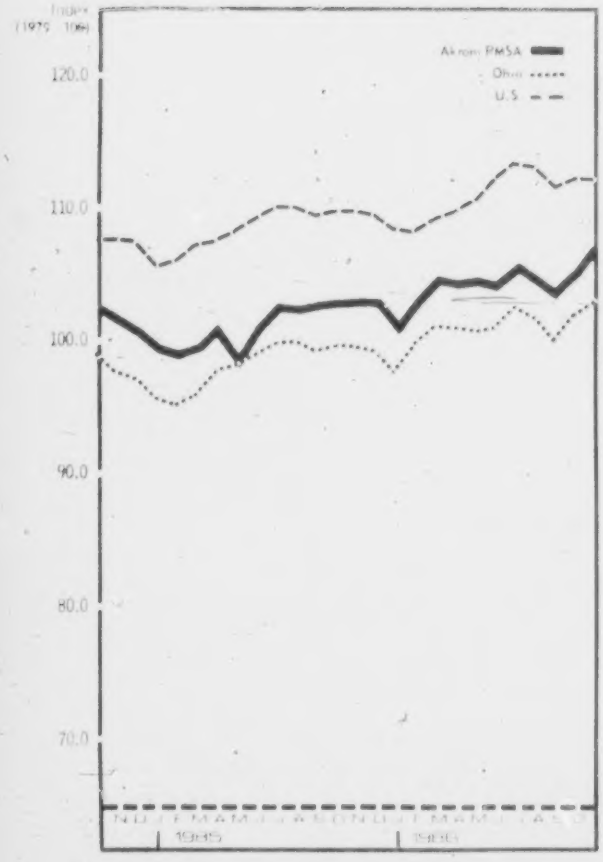
AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



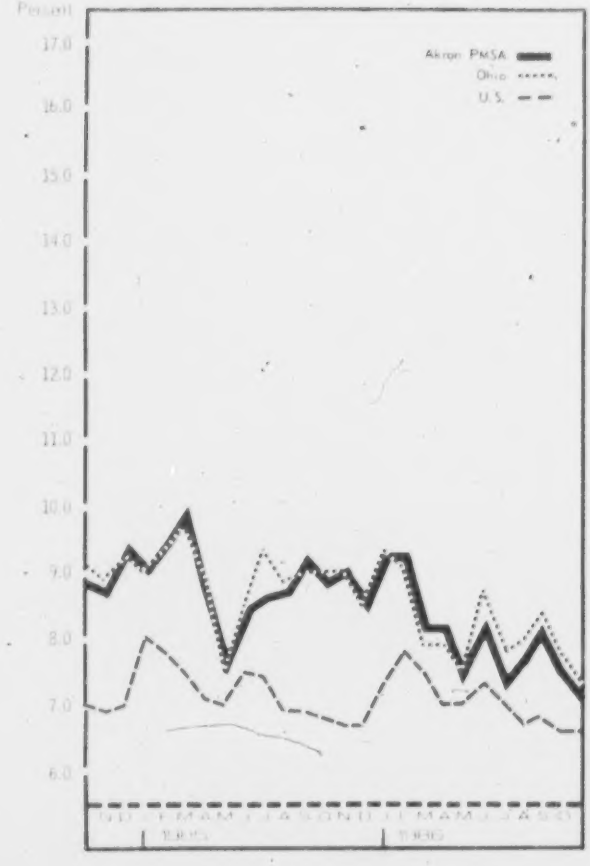
Nonagricultural wage and salary employment in the Akron area rose 300 from November, to 273,300 in December. Nonmanufacturing employment accounted for the slight growth, as the loss in construction was more than offset by the gain in retail trade. Employment in manufacturing remained unchanged at 65,800. Production workers worked a 43.7 hour workweek at $11.48 per hour, an increase of .5 hours and $.10, respectively, from the previous month.

Nonfarm wage and salary employment advanced 8,900 from December 1985. Gains were recorded in all nonmanufacturing divisions. The major areas of expansion were retail trade, services, and construction. Declines in fabricated metal products, nonelectrical machinery, and rubber and miscellaneous plastics products (tires and inner tubes) led to the loss of 1,000 manufacturing jobs.

INDEXES OF TOTAL EMPLOYMENT
AKRON PMSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



UNEMPLOYMENT RATES
AKRON PMSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



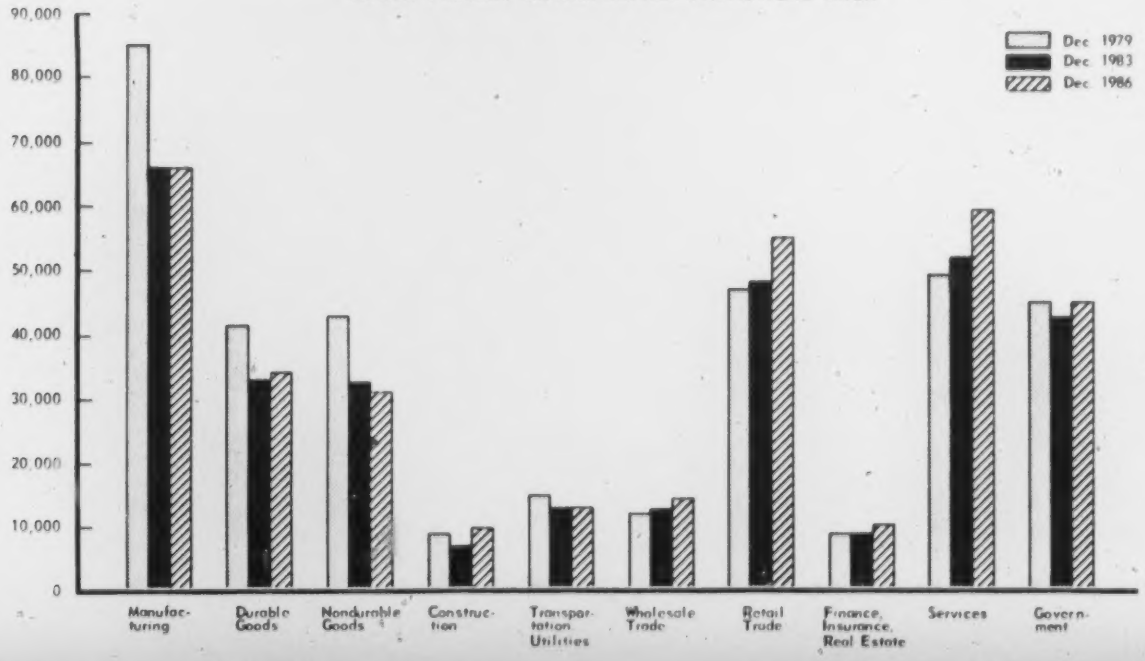
Akron PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
292.0	264.3	27.7	9.5	1975	248.4	84.5	48.4	$232.63	41.1	$ 5.66
291.3	266.3	25.0	8.6	1976	247.3	80.3	44.5	253.44	42.1	6.02
294.2	274.7	19.5	6.6	1977	259.3	85.6	48.2	285.53	42.3	6.75
298.9	282.2	16.7	5.6	1978	266.6	85.9	49.4	304.14	42.3	7.19
303.8	285.4	18.4	6.1	1979	270.9	85.6	53.8	321.57	41.6	7.73
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	361.88	41.5	8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.5	265.2	37.3	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
316.4	285.8	30.6	9.7	1984	252.2	67.9	38.0	470.65	43.7	10.77
316.4	288.5	27.9	8.8	1985	258.3	67.9	37.3	475.20	43.2	11.00
				1985						
322.1	293.3	28.9	9.0	November	264.0	67.2	36.9	474.29	43.0	11.03
319.9	293.0	26.9	8.4	December	264.3	66.8	36.7	494.36	44.1	11.21
				1986						
316.2	287.3	29.0	9.2	January	257.9	66.4	36.2	473.97	42.7	11.10
323.0	293.4	29.6	9.2	February	258.5	66.5	36.2	479.70	43.1	11.13
323.8	297.7	26.1	8.1	March	260.6	66.6	36.2	485.90	43.5	11.17
323.2	297.2	26.0	8.1	April	264.6	66.5	36.1	476.87	43.0	11.09
321.2	297.7	23.5	7.3	May	268.9	65.4	36.0	475.58	43.0	11.06
323.0	296.6	26.4	8.2	June	267.1	66.5	36.1	492.12	43.9	11.21
324.3	301.0	23.3	7.2	July	265.1	65.6	35.2	472.86	42.6	11.10
322.3	297.6	24.7	7.7	August	264.6	65.2	35.1	491.81	43.6	11.28
321.9	295.6	26.3	8.2	September	271.4	65.7	35.8	490.16	43.3	11.32
325.2	300.8	24.4	7.5	October	271.2	65.6	35.5	488.91	43.0	11.37
328.3	305.0	23.3	7.1	November	273.0	65.8	35.7	491.62	43.2	11.38
INA	INA	INA	INA	December	273.3	65.9	35.7	501.69	43.7	11.48

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
AKRON PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Akron PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	December 1986[b]	November 1986[c]	December 1985[c]	From Last Month	From Last Year
TOTAL	273.3	273.0	264.3	.3	8.9
MANUFACTURING	65.8	65.8	66.8	.6	- 1.0
Durable Goods[e]	34.5	34.5	35.3	- .1	- .8
Fabricated metal products	12.3	12.3	12.9	.0	- .5
Machinery, except electrical	9.0	9.0	9.5	.0	- .5
Metalworking machinery	2.9	2.9	3.1	.0	- .2
Nondurable Goods[f]	31.3	31.3	31.5	.1	- .2
Food and kindred products	2.6	2.5	2.8	.0	- .3
Chemicals and allied products	2.7	2.7	2.7	.0	.0
Rubber and misc. plastics products	20.8	20.7	20.8	- .1	- .2
Tires and inner tubes	13.8	13.8	14.2	- .1	- .7
NONMANUFACTURING[g]	207.4	207.2	197.5	.3	9.9
CONSTRUCTION	9.7	10.8	8.4	- 1.0	1.3
TRANSPORTATION AND PUBLIC UTILITIES	13.3	13.3	13.0	.0	.3
Communication, electric, gas services	5.3	5.3	5.3	.0	.1
WHOLESALE TRADE	14.5	14.4	13.8	.1	.7
RETAIL TRADE	55.4	54.3	52.2	1.1	3.2
General merchandise stores	8.4	8.0	7.7	.4	.7
FINANCE, INSURANCE, AND REAL ESTATE	10.5	10.4	9.9	.1	.6
Banking	3.3	3.3	3.2	.0	.1
SERVICES	58.7	58.7	55.4	.0	3.2
Business services	12.3	12.2	11.0	.1	1.3
Amusement and recreation services	2.9	2.9	2.4	.0	.5
Health services	17.5	17.4	17.4	.1	.1
GOVERNMENT	44.7	44.7	44.1	.0	.6
State government	15.9	15.8	15.6	.1	.3
State government education	13.0	13.0	12.7	.0	.3
State government, except education	2.9	2.9	2.9	.1	.0
Local government	26.4	26.5	26.2	- .1	.3
Local government education	14.7	14.6	14.4	.1	.2
Local government, except education	11.8	11.9	11.7	- .2	.0

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1986[b]	November 1986[c]	December 1985[c]	Dec. 1986[b]	Nov. 1986[c]	Dec. 1985[c]	Dec. 1986[b]	Nov. 1986[c]	Dec. 1985[c]
MANUFACTURING	$501.68	$491.62	$494.36	43.7	43.2	44.1	$11.48	$11.38	$11.21
Durable Goods[d]	525.11	515.66	511.67	44.1	43.7	44.3	11.93	11.80	11.55
Fabricated metal products	672.90	665.62	633.86	46.6	46.0	45.7	14.44	14.47	13.87
Machinery, except electrical	446.60	436.80	452.89	44.0	44.3	45.7	10.15	9.86	9.91
Metalworking machinery	451.26	439.88	436.43	43.6	43.9	44.9	10.35	10.02	9.72
Nondurable Goods[e]	485.70	456.67	467.35	43.2	42.6	43.8	10.78	10.72	10.67
Food and kindred products	472.63	456.18	470.21	43.4	42.2	43.7	10.89	10.81	10.76
Chemicals and allied products	458.27	451.07	443.88	41.1	40.6	41.1	11.15	11.11	10.80
Rubber and misc. plastics products	494.83	485.10	496.10	44.7	44.1	45.1	11.07	11.00	11.00
Tires and inner tubes	710.03	709.04	690.57	48.4	48.3	48.7	14.67	14.68	14.18
TRANSPORTATION AND PUBLIC UTILITIES[f]	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	554.60	567.84	544.16	40.9	41.6	41.1	13.56	13.65	13.24
WHOLESALE TRADE	322.87	313.96	323.55	38.3	37.6	38.2	8.43	8.35	8.47
RETAIL TRADE[g]	198.06	192.20	175.82	32.1	31.1	29.5	6.17	6.18	5.96

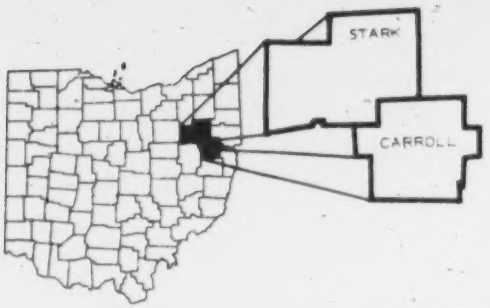
[a]See Technical Notes for concepts [b]Preliminary [c]Revised [d]Based on unrounded figures [e]Includes lumber and wood products, furniture and fixtures, stone, clay, and glass products, primary metal industries, electric and electronic equipment, transportation equipment, instruments and related products, miscellaneous manufacturing [f]Includes tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, printing and publishing, petroleum and coal products, leather and leather products [g]Includes mining [h]"Money payments" only, tips not included [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education [j]Depressed due to labor-management disputes

Selected Administrative Program Activities

	December 1986	November 1986	December 1985
Employment Service Program			
New Applicants	INA	2,213	2,217
Active File of Job Seekers	INA	20,390	25,744
Referrals to Jobs	INA	977	822
Placements	INA	372	678
Job Openings Received	INA	501	355
Job Openings Unfilled	INA	694	1,194
Unemployment Insurance Program			
Initial Claims	5,949	3,815	5,826
Continued Claims	35,499	25,231	37,498
First Payments	1,928	1,245	2,091
Last Payments	370	371	498
Weeks Compensated	22,890	17,108	25,904
Benefits Paid	$3,357,683	$2,476,167	$3,735,710
Average Weekly Payment	$150.40	$148.59	$148.32

INA - Information Not Available.

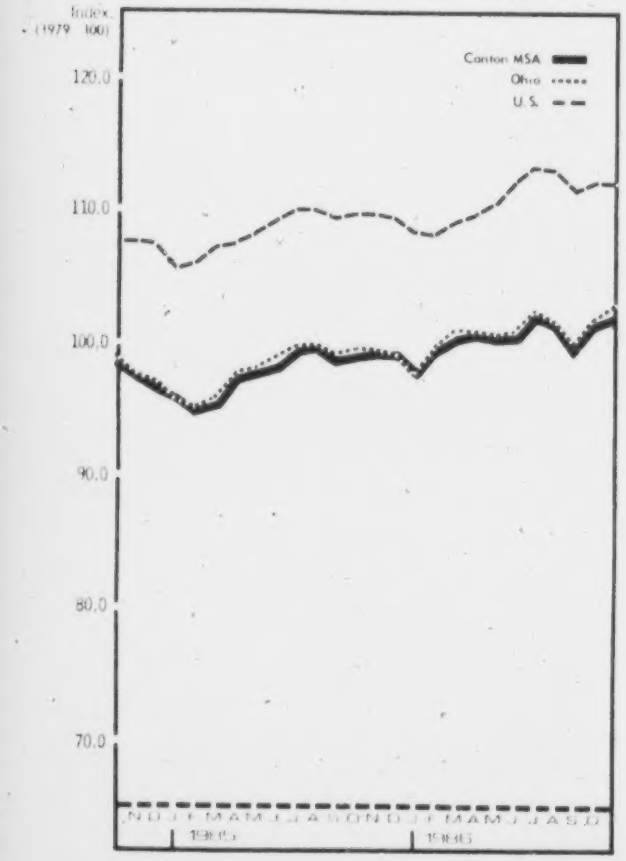
CANTON METROPOLITAN STATISTICAL AREA



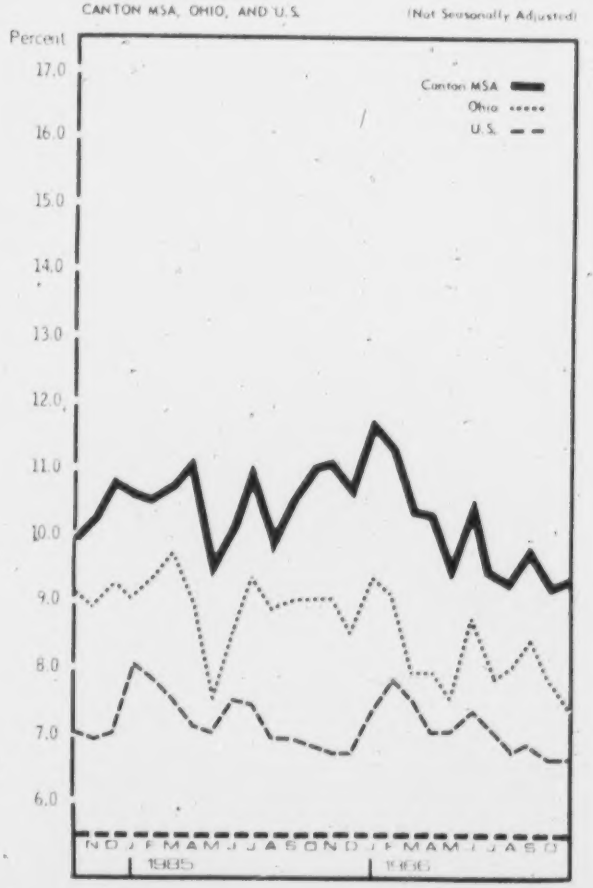
Canton's nonagricultural wage and salary employment totaled 159,400 in December, unchanged from November. Manufacturing employment fell 300, to 43,700. The loss was concentrated in durable-goods industries. Nonmanufacturing employment rose 400, over the month, as gains in retail trade offset losses in construction. Manufacturing production workers averaged a 41.7 hour workweek, up .5 hours from November. Their average hourly earnings were $11.41, down $.03 from the previous month.

Nonfarm wage and salary employment increased 3,700 from December 1985. Most nonmanufacturing divisions recorded an increase in employment. The primary sectors of growth were retail trade and services. Manufacturing employment fell 2,300 over the year, as general declines were recorded in fabricated metal products, rubber and miscellaneous plastics products, and primary metal industries.

INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



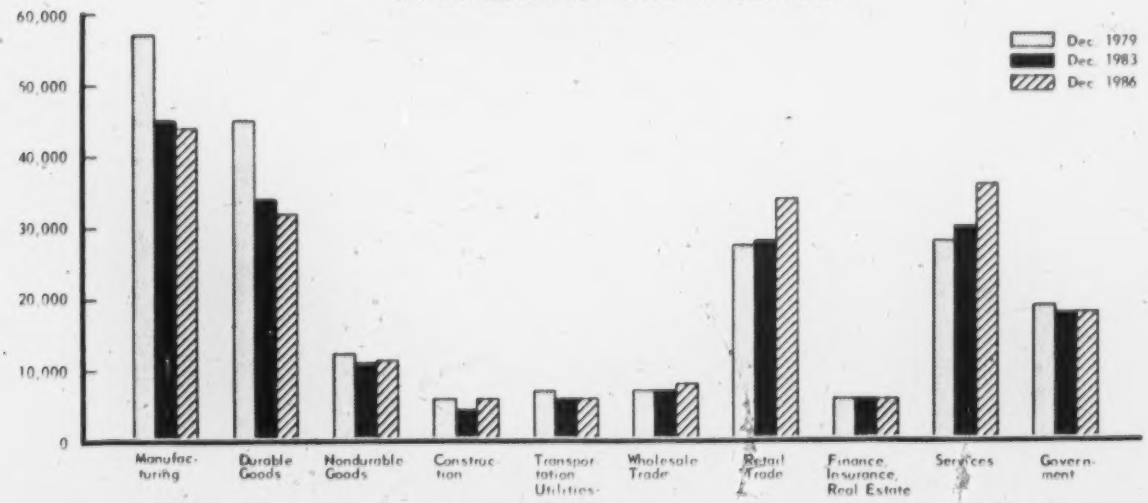
Canton MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
174.7	158.0	16.7	9.6	1975	145.0	55.3	40.5	$222.22	39.4	$ 5.64
174.4	158.6	15.8	9.1	1976	145.9	54.8	40.4	244.73	39.6	6.18
175.9	163.1	12.8	7.3	1977	149.8	56.0	41.1	273.14	39.7	6.88
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	304.67	40.3	7.56
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.88	40.9	8.09
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.6	169.6	20.0	10.5	1985	152.2	46.3	33.8	435.81	39.8	10.95
				1985						
193.5	172.0	21.5	11.1	November	155.5	46.1	33.2	444.21	40.2	11.05
192.1	171.8	20.3	10.6	December	155.7	46.0	33.1	448.63	40.2	11.16
				1986						
191.3	168.9	22.4	11.7	January	152.3	45.8	32.7	450.32	40.1	11.23
194.3	172.4	21.9	11.3	February	152.7	46.1	33.0	449.65	40.4	11.13
194.4	174.1	20.2	10.4	March	153.2	45.6	32.5	447.12	40.1	11.15
194.4	174.4	19.9	10.3	April	156.0	45.6	32.6	442.89	39.9	11.10
191.8	173.8	18.1	9.4	May	157.6	45.5	32.5	444.09	39.9	11.13
194.5	174.1	20.4	10.5	June	158.2	45.4	32.5	446.88	39.9	11.20
196.2	177.6	18.6	9.5	July	157.6	45.0	32.1	449.52	40.1	11.21
193.7	175.8	17.9	9.3	August	157.7	45.2	32.3	448.48	39.9	11.24
190.7	172.0	18.7	9.8	September	158.7	44.9	32.2	447.75	39.8	11.25
193.7	175.9	17.9	9.2	October	154.4	39.4	26.7	445.61	40.4	11.03
195.1	177.0	18.1	9.3	November	159.4	44.0	31.3	471.33	41.2	11.44
INA	INA	INA	INA	December	159.4	43.7	31.1	475.80	41.7	11.41

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Canton MSA

	Employment (in thousands)			Change[d] (in thousands)	
	December 1986[b]	November 1986[c]	December 1985[c]	From Last Month	From Last Year
TOTAL	158.4	158.4	155.7	.0	3.7
MANUFACTURING	43.7	44.0	46.0	- .3	- 2.3
Durable Goods[e]	32.1	32.5	34.2	- .4	- 3.1
Primary metal industries	10.8	11.0	11.0	- .2	- .2
Fabricated metal products	6.5	6.5	7.1	.0	- .6
Metal forgings and stampings	2.2	2.2	2.6	.0	- .4
Nondurable Goods[f]	11.5	11.4	11.7	.1	- .2
Food and kindred products	4.2	4.2	4.4	.0	- .1
Rubber and misc. plastics products	2.5	2.4	2.8	.0	- .3
NONMANUFACTURING	115.7	115.4	109.7	.4	6.0
CONSTRUCTION	6.4	6.8	5.7	- .5	.7
TRANSPORTATION AND PUBLIC UTILITIES	6.2	6.1	6.0	.0	.2
Communication, electric, gas services	2.7	2.7	2.8	.0	- .1
WHOLESALE TRADE	7.9	8.0	7.9	.0	.0
Wholesale trade-durable goods	4.5	4.5	4.5	.0	.1
RETAIL TRADE	33.9	33.0	31.2	.9	2.7
General merchandise stores	5.0	4.5	4.3	.5	.7
Food stores	5.7	5.6	5.3	.1	.4
FINANCE, INSURANCE AND REAL ESTATE	6.3	6.2	6.2	.0	.1
Banking	1.8	1.8	1.8	.0	.0
SERVICES	36.0	36.3	33.7	- .2	2.3
Health services	14.3	14.3	13.9	.0	.4
GOVERNMENT	17.7	17.7	17.8	.1	.0
State government (includes education)	1.7	1.7	1.7	.0	- .1
Local government	14.7	14.7	14.7	.0	.0
Local government education	8.8	8.8	8.5	.0	.3
Local government, except education	5.9	5.9	6.2	.1	- .3

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1986[b]	November 1986[c]	December 1985[c]	Dec. 1986[b]	Nov. 1986[c]	Dec.[r] 1985[c]	Dec. 1986[b]	Nov. 1986[c]	Dec. 1985[c]
MANUFACTURING	$475.80	$471.33	$448.63	41.7	41.2	40.2	$11.41	$11.44	$11.16
Durable Goods[s]	499.65	492.89	467.48	42.2	41.7	40.3	11.84	11.82	11.60
Primary metal industries	546.9[i]	542.19	467.69	42.5	41.9	37.9	12.87	12.94	12.34
Fabricated metal products	492.57	487.89	544.07	42.1	41.7	43.7	11.70	11.70	12.45
Metal forgings and stampings	651.84	626.33	701.19	44.0	41.7	44.1	14.81	15.02	15.90
Nondurable Goods[s]	404.61	405.73	383.56	40.1	39.7	40.2	10.09	10.22	9.79
Food and kindred products	454.43	421.11	414.03	41.5	39.1	40.1	10.95	10.77	10.34
Rubber and misc. plastics products	416.25	417.83	463.83	41.5	41.7	44.1	10.03	10.02	10.52
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	542.52	540.79	519.47	41.1	41.0	41.0	13.20	13.19	12.67
WHOLESALE TRADE	356.57	335.30	342.95	35.8	35.0	36.1	9.96	9.58	9.50
RETAIL TRADE[t]	155.93	154.23	157.63	29.2	29.1	29.3	5.34	5.30	5.38

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [s]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [n]Includes tobacco manufactures; textile mill products; apparel and other textile mill products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [t]Money payments only; tips not included. [i]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	December 1986	November 1986	December 1985
Employment Service Program			
New Applicants	INA	1,588	1,676
Active File of Job Seekers	INA	17,921	18,670
Referrals to Jobs	INA	948	841
Placements	INA	247	309
Job Openings Received	INA	407	367
Job Openings Unfilled	INA	332	366
Unemployment Insurance Program			
Initial Claims	5,403	4,341	5,384
Continued Claims	28,750	21,274	31,384
First Payments	1,441	1,050	1,936
Last Payments	317	313	288
Weeks Compensated	19,993	17,713	21,477
Benefits Paid	$2,869,280	$2,629,401	$3,208,059
Average Weekly Payment	$148.78	$153.80	$153.37

INA - Information Not Available.

CINCINNATI.

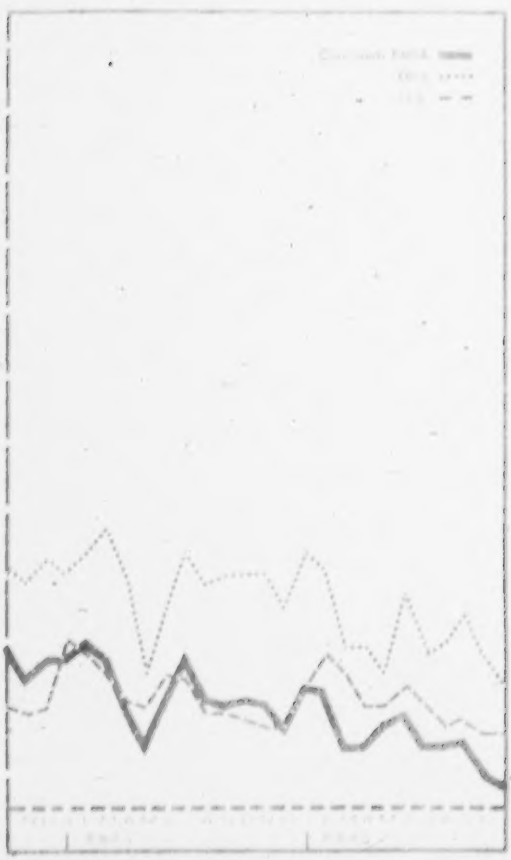
PRIMARY METROPOLITAN STATISTICAL AREA

Nonagricultural wage and salary employment in the Cincinnati area was 671,700 in December, up 800 from November. Nonmanufacturing employment rose 1,600 over the month. Seasonal gains in retail trade and services more than offset the decline in construction. Manufacturing lost 800 workers due largely to scattered declines in nondurable goods. Production workers in manufacturing worked an average of 43.0 hours per week, down .3 hours from November. Their average hourly earnings were $10.92, down $.04.

From December 1985 to December 1986, nonagricultural wage and salary employment rose 23,900, due primarily to growth in services and retail trade, although all nonmanufacturing divisions registered gains. Manufacturing lost 3,600 jobs, reflecting losses in motor vehicles and equipment and metalworking machinery.

INDEXES OF TOTAL EMPLOYMENT
CINCINNATI PMSA, OHIO, AND U.S.

UNEMPLOYMENT RATES
CINCINNATI PMSA, OHIO, AND U.S.



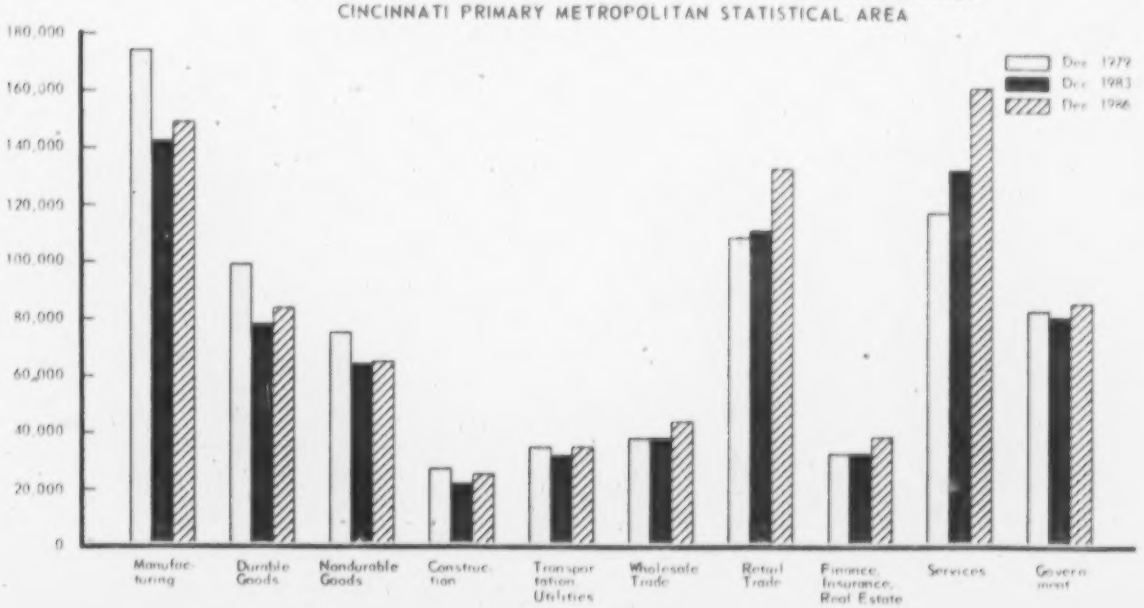
Cincinnati PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
595.3	551.6	43.6	7.3	1975	531.2	155.9	108.3	$211.76	40.8	$ 5.19
604.8	566.6	38.2	6.3	1976	541.9	155.6	107.8	232.22	41.1	5.65
623.4	588.7	34.7	5.6	1977	562.1	161.1	110.7	260.83	41.6	6.27
648.3	615.8	32.5	5.0	1978	581.2	169.2	116.4	298.70	42.1	7.01
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
675.2	628.6	47.5	7.0	1980	600.7	162.6	108.6	332.07	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.6	360.86	41.1	8.78
682.0	610.4	71.6	10.5	1982	575.3	146.3	95.5	387.59	40.6	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	92.7	415.52	41.1	10.11
695.9	638.4	57.5	8.3	1984	610.8	145.0	96.5	441.41	41.8	10.56
708.3	657.3	51.0	7.2	1985	620.2	147.2	98.0	441.74	41.4	10.67
				1985						
718.4	668.5	50.0	7.0	November	642.0	149.5	97.4	452.91	42.2	10.72
716.7	669.1	47.6	6.6	December	645.7	149.5	97.4	450.85	42.5	10.62
				1986						
704.3	653.0	51.4	7.3	January	632.0	148.3	96.1	447.76	41.8	10.70
715.7	663.9	51.8	7.2	February	635.5	148.3	96.2	445.21	41.3	10.78
718.6	672.5	46.1	6.4	March	638.3	147.3	95.1	449.35	41.8	10.75
720.1	674.1	46.0	6.4	April	648.6	148.7	94.3	441.74	41.4	10.67
720.3	671.9	48.4	6.7	May	652.4	144.6	91.7	446.56	41.9	10.61
730.5	679.8	50.6	6.9	June	657.6	148.1	95.3	445.00	41.7	10.64
735.1	688.3	46.8	6.4	July	655.7	147.7	94.6	444.04	41.7	10.67
730.7	684.2	46.5	6.4	August	658.5	148.9	96.8	452.81	42.2	10.73
725.6	678.6	47.0	6.5	September	668.9	149.5	96.1	456.84	42.3	10.80
733.3	689.9	43.3	5.9	October	669.0	149.4	95.8	453.00	42.5	10.80
736.9	696.4	42.5	5.8	November	670.9	149.5	95.7	474.57	43.5	10.90
INA	INA	INA	INA	December	671.7	148.7	94.4	469.56	43.0	10.92

INA Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Cincinnati PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	December 1986[b]	November 1986[c]	December 1985[c]	From Last Month	From Last Year
TOTAL	671.7	670.9	645.7	.8	25.8
MANUFACTURING	148.7	149.5	148.5	- .8	.2
Durable Goods[e]	83.5	83.6	84.6	- .1	- 1.1
Fabricated metal products	11.1	11.1	10.9	.0	.2
Fabricated structural metal products	4.1	4.0	3.9	.1	.2
Machinery, except electrical	20.1	20.3	21.7	- .2	- 1.6
Metalworking machinery	8.5	8.6	9.6	- .1	- 1.1
General industrial machinery	2.7	2.7	3.0	.0	- .2
Electric and electronic equipment	7.5	7.6	7.6	- .2	- .2
Transportation equipment	29.8	29.5	29.2	.3	.6
Motor vehicles and equipment	8.8	8.6	10.1	.2	- 1.3
Nondurable Goods[f]	65.2	65.8	65.0	- .7	.2
Food and kindred products	12.8	12.9	12.9	.0	- .1
Beverages	4.1	4.1	4.1	- .1	- .1
Apparel and other textile products	3.8	3.8	3.7	.0	.1
Paper and allied products	6.4	6.4	6.1	- .1	.3
Printing and publishing	12.1	12.4	12.5	- .2	- .4
Commercial printing	5.1	5.4	5.5	- .3	- .4
Chemicals and allied products	22.1	22.2	21.5	.0	.6
Rubber and misc. plastics products	5.6	5.9	5.2	- .3	.4
NONMANUFACTURING	523.0	521.4	496.2	1.6	26.8
CONSTRUCTION	26.2	27.3	24.0	- 1.1	2.2
TRANSPORTATION AND PUBLIC UTILITIES	34.7	34.7	33.8	.0	.9
Trucking and warehousing	10.6	10.5	10.3	.0	.3
Communication, electric, gas services	14.4	14.4	14.7	.0	- .3
WHOLESALE TRADE	44.0	43.7	41.7	.3	2.3
Wholesale trade-durable goods	26.1	25.9	24.7	.1	1.4
RETAIL TRADE	132.6	130.8	125.8	1.8	6.8
General merchandise stores	23.0	22.1	22.0	.9	1.0
FINANCE, INSURANCE, AND REAL ESTATE	38.5	38.4	36.1	.1	2.4
Banking	8.4	8.3	8.0	.1	.4
Insurance carriers	12.1	12.0	11.5	.0	.6
SERVICES	160.7	160.3	150.4	.4	10.3
Hotels and other lodging places	6.7	6.7	6.1	.0	.6
Personal services	8.5	8.5	7.7	.0	.8
Business services	38.8	38.7	34.7	.1	3.9
Amusement and recreation services	7.4	6.7	6.2	.7	1.2
Health services	48.3	48.3	46.6	.1	1.7
GOVERNMENT	85.9	85.8	84.0	.0	1.9
Federal government	13.1	13.0	12.9	.1	.3
State government	19.6	19.5	19.1	.1	.5
State government education	11.7	11.7	11.6	.0	.1
State government, except education	7.9	7.8	7.5	.1	.4
Local government	53.2	53.3	52.1	- .1	1.1
Local government education	31.5	31.4	30.3	.1	1.2
Local government, except education	21.7	22.0	21.8	- .2	.0

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1986[b]	November 1986[c]	December 1985[c]	Dec.[b] 1986	Nov.[c] 1986	Dec.[c] 1985	Dec.[b] 1986	Nov.[c] 1986	Dec.[c] 1985
MANUFACTURING	$469.56	$474.57	$459.85	43.0	43.1	42.5	$10.92	$10.96	$10.82
Durable Goods[d]	484.16	484.34	464.34	43.5	43.4	42.6	11.13	11.16	10.90
Fabricated metal products	404.80	412.56	391.48	42.7	43.2	41.6	9.48	9.55	9.41
Fabricated structural metal products	411.56	436.00	418.33	42.3	43.6	42.6	9.73	10.00	9.82
Machinery, except electrical	419.90	434.00	430.40	42.5	43.4	43.3	9.88	10.00	9.94
Metalworking machinery	478.73	488.40	479.39	43.6	44.0	43.9	10.98	11.10	10.92
General industrial machinery	384.97	414.15	404.89	41.1	44.2	42.8	8.88	9.37	9.46
Electric and electronic equipment	363.82	389.09	396.36	41.2	41.1	43.7	8.83	8.98	9.07
Transportation equipment	697.40	693.46	646.59	46.9	46.2	44.5	14.87	15.01	14.53
Motor vehicles and equipment	683.74	686.21	727.74	44.7	44.3	46.8	15.52	15.49	15.55
Nondurable Goods[d]	455.39	464.83	456.45	42.6	43.2	42.5	10.69	10.76	10.74
Food and kindred products	479.09	482.36	496.73	42.7	43.3	41.7	11.22	11.14	11.91
Beverages	514.74	501.77	485.44	42.4	41.4	41.0	12.14	12.12	11.84
Apparel and other textile products	216.78	219.13	213.40	39.2	39.2	39.3	5.53	5.59	5.43
Paper and allied products	425.43	427.00	411.09	42.8	42.7	42.6	9.94	10.00	9.65
Printing and publishing	459.02	461.77	477.47	40.3	40.4	41.7	11.39	11.43	11.45
Commercial printing	512.96	522.65	574.06	44.9	43.9	46.9	11.87	11.96	12.24
Chemicals and allied products	521.05	551.09	501.83	42.5	44.3	42.1	12.26	12.44	11.92
Rubber and misc. plastics products	442.20	432.35	447.64	47.6	47.2	49.3	9.29	9.16	9.08
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	533.86	532.53	509.85	40.2	40.1	39.5	13.28	13.28	12.90
WHOLESALE TRADE	383.40	386.75	381.19	40.4	41.1	40.9	9.46	9.41	9.32
RETAIL TRADE	165.82	161.57	165.25	29.4	28.8	30.1	5.64	5.61	5.49
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	257.81	258.81	242.90	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes textile manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [j]Decreases due to labor-management disputes.

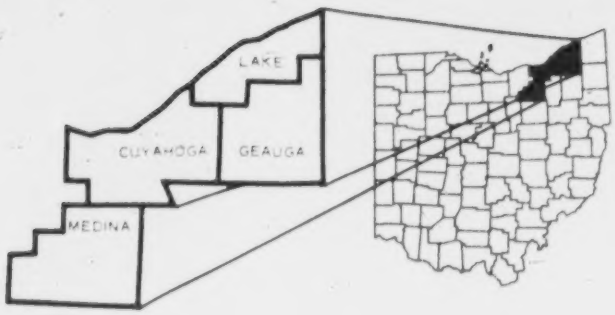
Selected Administrative Program Activities[a]

	December 1986	November 1986	December 1985
Employment Service Program			
New Applicants	INA	3,044	4,738
Active File of Job Seekers	INA	24,846	30,179
Referrals to Jobs	INA	2,017	2,033
Placements	INA	606	741
Job Openings Received	INA	778	1,222
Job Openings Unfilled	INA	1,856	2,078
Unemployment Insurance Program			
Initial Claims	9,813	4,894	8,518
Continued Claims	50,809	34,367	47,475
First Payments	3,588	1,544	2,914
Last Payments	579	586	870
Weeks Compensated	32,432	24,906	38,116
Benefits Paid	$4,709,850	$3,630,256	$4,801,046
Average Weekly Payment	$146.68	$144.23	$141.47

INA – Information Not Available.

[a]Ohio data only

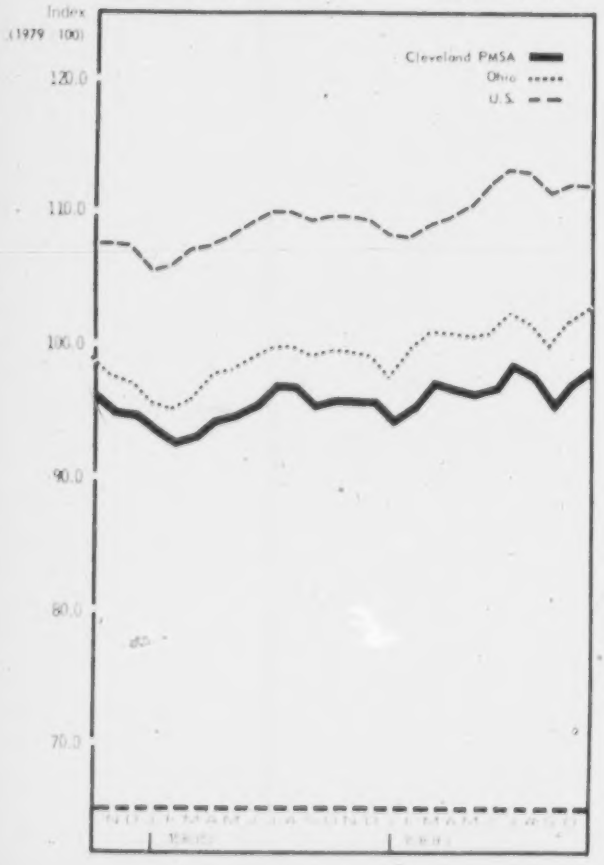
CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA



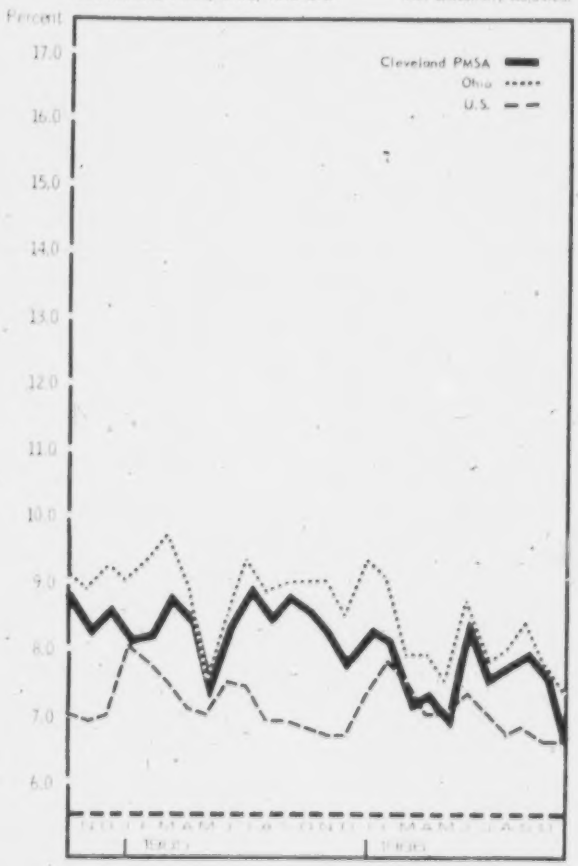
Nonagricultural wage and salary employment in the Cleveland metropolitan area advanced 2,600 over the November level, to 903,500 in December. Nonmanufacturing employment expanded 2,500, as seasonal gains in retail trade and transportation and public utilities more than offset losses in construction and services. Manufacturing employment increased slightly, to 203,700. Factory production workers earned an average of $11.60 per hour, little changed from November. Their average workweek was .6 hours longer, at 43.7 hours.

Since December 1985, nonfarm employment rose 19,300 due primarily to growth in services, retail trade, and local government. Manufacturing employment declined 4,500 during the period. Significant losses were recorded in durable goods, especially nonelectrical machinery and instruments and related products.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



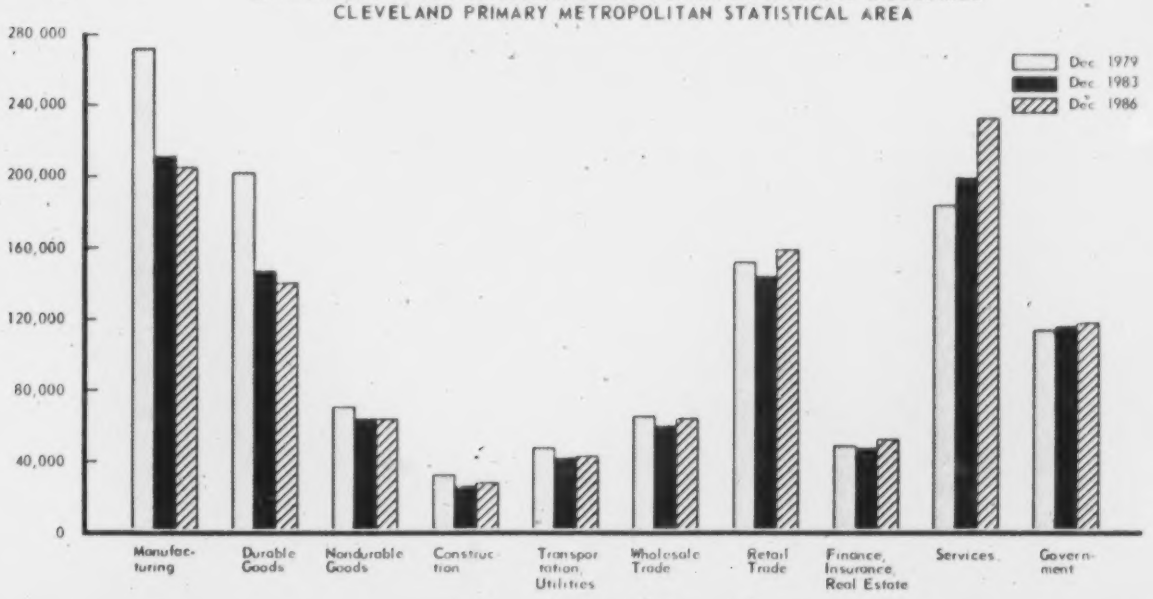
Cleveland PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed	Unemployed				Manufacturing Employment*				
		Total	Rate				Manufacturing Production Workers			
								Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
838.9	826.3	70.6	7.9	1975	850.6	260.3	176.0	$227.45	40.4	$ 5.63
897.7	834.4	63.3	7.0	1976	860.0	265.1	180.9	260.62	41.9	6.22
908.5	854.6	54.0	5.9	1977	880.9	270.8	184.0	292.75	42.8	6.84
921.7	878.5	43.2	4.7	1978	905.8	275.6	188.0	321.75	42.9	7.50
935.8	889.1	46.7	5.0	1979	919.0	276.3	188.6	337.60	42.2	8.00
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.8	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.5	841.0	82.5	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
922.0	845.5	76.5	8.3	1985	869.3	210.7	135.1	467.74	41.8	11.19
				1985						
929.0	852.6	76.4	8.2	November	882.7	208.9	134.8	467.58	41.6	11.24
923.1	851.9	71.1	7.7	December	884.2	208.3	134.5	480.11	42.3	11.35
				1986						
912.8	837.2	75.6	8.3	January	865.6	207.1	133.6	474.01	41.8	11.34
929.2	854.3	74.9	8.1	February	865.1	205.3	132.1	477.24	41.9	11.39
931.6	865.3	66.3	7.1	March	870.9	205.3	132.3	487.60	42.4	11.50
926.7	859.2	67.5	7.3	April	880.6	208.7	132.6	479.76	41.9	11.45
918.2	855.9	62.3	6.8	May	890.3	205.8	132.7	472.69	41.5	11.39
940.1	861.4	78.7	8.4	June	896.6	205.8	132.3	480.36	42.1	11.41
949.4	878.1	71.3	7.5	July	895.0	203.1	129.6	459.82	40.8	11.27
940.0	867.6	72.4	7.7	August	892.9	202.5	129.4	479.94	42.1	11.40
919.9	847.1	72.9	7.9	September	895.9	204.0	130.9	485.06	42.4	11.44
934.1	864.0	70.1	7.5	October	897.4	202.3	129.2	480.36	42.1	11.41
935.3	873.4	61.9	6.6	November	900.9	203.6	130.9	500.39	43.1	11.61
INA	INA	INA	INA	December	903.5	203.7	131.2	506.92	43.7	11.60

INA Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



Cleveland PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[a] (in thousands)	
	December 1986[b]	November 1986[c]	December 1985[c]	From Last Month	From Last Year
TOTAL	903.5	900.9	884.2	+2.6	+19.3
MANUFACTURING	203.7	203.6	208.3	+.1	-4.6
Durable Goods[d]	139.6	139.4	144.2	+.2	-4.6
Primary metal industries	21.8	21.9	22.6	-.1	-.8
Blast furnace and basic steel products	10.3	10.4	10.4	-.2	-.1
Iron and steel foundries	5.2	5.2	5.7	.0	-.5
Fabricated metal products	32.4	32.1	32.8	+.3	-.4
Fabricated structural metal products	3.9	3.9	3.7	.0	+.2
Screw machine products, bolts, etc.	4.7	4.7	4.8	.0	-.1
Metal forgings and stampings	10.9	10.8	10.8	+.2	+.1
Machinery, except electrical	32.8	32.7	32.0	+.1	+.8
Construction and related machinery	3.0	2.9	3.2	+.1	-.2
Metalworking machinery	9.7	9.6	10.2	+.1	-.5
Special industry machinery	3.5	3.4	3.7	+.1	-.2
General industrial machinery	2.9	2.9	3.0	.0	-.1
Electric and electronic equipment	18.8	18.7	18.3	+.1	+.5
Electrical industrial apparatus	6.5	6.5	6.6	.0	-.1
Transportation equipment	19.4	19.3	19.8	+.1	-.4
Motor vehicles and equipment	12.5	12.4	12.7	+.1	-.2
Instruments and related products	6.8	6.8	7.0	.0	-.2
Measuring and controlling devices	4.3	4.3	4.3	.0	.0
Nondurable Goods	64.1	64.1	64.1	.0	.0
Food and kindred products	7.1	7.1	7.0	.0	+.1
Apparel and other textile products	4.8	4.8	4.8	.0	.0
Paper and allied products	5.4	5.4	5.7	.0	-.3
Printing and publishing	15.5	15.5	15.6	.0	-.1
Chemicals and allied products	13.5	13.4	13.6	+.1	-.1
Rubber and misc. plastics products	12.0	12.0	12.0	.0	.0
NONMANUFACTURING	699.8	697.3	675.9	+2.5	+23.9
CONSTRUCTION	28.2	30.1	29.4	-1.9	-1.2
TRANSPORTATION AND PUBLIC UTILITIES	43.1	42.5	42.6	+.6	+.5
Trucking and warehousing	12.2	12.3	12.3	-.1	-.1
Communication, electric, gas services	18.2	18.2	18.7	.0	-.5
WHOLESALE TRADE	64.5	64.2	64.1	+.3	+.4
Wholesale trade-durable goods	44.9	44.7	44.8	+.2	+.1
RETAIL TRADE	158.8	159.7	161.4	-.9	-2.6
General merchandise stores	22.6	21.6	22.5	+1.0	+.1
FINANCE, INSURANCE AND REAL ESTATE	53.1	52.9	49.7	+.2	+3.4
Banking	13.6	13.6	13.0	.0	+.6
Credit agencies other than banks	6.7	6.6	7.0	+.1	-.3
Insurance carriers	12.2	12.1	11.7	+.1	+.5
SERVICES	237.0	231.6	220.9	+5.4	+16.1
Business services	52.4	52.1	47.6	+.3	+4.8
Amusement and recreation services	6.1	6.5	6.8	-.4	-.7
Health services	72.0	71.7	69.1	+.3	+2.9
GOVERNMENT	118.4	118.2	116.1	+.2	+2.3
Federal government	20.1	19.9	20.0	+.2	+.1
State government	8.3	8.0	8.2	+.3	+.1
State government education	3.2	3.0	3.2	+.2	.0
State government except education	5.2	5.0	5.0	+.1	+.2
Local government	89.9	90.3	87.9	-.4	+2.0
Local government education	45.2	45.3	44.3	-.1	+.9
Local government except education	44.8	45.1	43.7	-.3	+1.1

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1986[b]	November 1986[c]	December 1985[c]	Dec. 1986[b]	Nov. 1986[c]	Dec. 1985[c]	Dec. 1986[b]	Nov. 1986[c]	Dec. 1985[c]
MANUFACTURING	$506.92	$500.39	$480.11	43.7	43.1	42.3	$11.60	$11.61	$11.35
Durable Goods[d]	542.67	534.45	513.17	44.4	43.7	42.8	12.22	12.23	11.99
Primary metal industries	623.31	610.16	591.33	45.2	44.7	43.1	13.79	13.65	13.72
Blast furnace and basic steel products	545.43	571.46	512.75	39.9	41.5	37.4	13.67	13.77	13.71
Iron and steel foundries	930.42	850.68	886.41	54.0	51.0	52.6	17.23	16.68	16.86
Fabricated metal products	537.30	513.86	483.78	45.0	43.4	42.4	11.94	11.84	11.41
Fabricated structural metal products	386.14	359.87	379.25	41.7	39.0	41.0	9.26	9.23	9.25
Screw machine products, bolts, etc	443.84	438.08	420.73	42.8	42.0	42.2	10.37	10.43	9.97
Metal forgings and stampings	724.20	682.86	622.86	49.4	46.9	44.3	14.66	14.56	14.06
Machinery, except electrical	485.30	471.23	453.00	43.8	42.8	42.1	11.08	11.01	10.76
Construction and related machinery	418.18	421.34	422.84	45.7	45.6	44.0	9.15	9.24	9.61
Metalworking machinery	435.45	434.00	397.79	42.4	42.3	40.1	10.27	10.26	9.92
Special industry machinery	504.78	478.40	530.52	42.1	39.9	43.7	11.99	11.99	12.14
General industrial machinery	496.40	500.16	449.65	44.6	45.1	42.5	11.13	11.09	10.58
Electric and electronic equipment	437.00	424.04	417.11	41.5	40.5	40.3	10.53	10.47	10.35
Electrical industrial apparatus	451.00	455.67	418.43	41.0	41.5	39.4	11.00	10.98	10.62
Transportation equipment	725.42	759.89	717.07	47.6	49.0	47.3	15.24	15.51	15.16
Motor vehicles and equipment	760.17	807.76	763.37	47.9	49.9	47.6	15.87	16.22	15.97
Instruments and related products	426.85	420.75	438.05	42.6	41.7	43.5	10.02	10.09	10.07
Measuring and controlling devices	417.32	412.05	403.43	41.9	41.0	42.2	9.96	10.05	9.56
Nondurable Goods	420.42	417.25	396.06	42.0	41.6	41.0	10.01	10.03	9.66
Food and kindred products	392.05	389.25	371.78	42.6	41.9	42.2	9.16	9.29	8.81
Apparel and other textile products	300.63	304.98	292.96	38.2	38.9	38.7	7.87	7.84	7.57
Paper and allied products	480.59	470.24	455.84	44.6	43.3	44.0	10.91	10.86	10.36
Printing and publishing	434.52	433.92	385.76	38.8	39.7	37.2	10.92	10.83	10.37
Chemicals and allied products	506.17	504.93	484.92	43.9	42.9	42.8	11.53	11.77	11.33
Rubber and misc. plastics products	383.21	375.73	378.38	43.3	42.6	42.9	8.85	8.82	8.82
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	573.53	575.04	568.86	41.5	41.7	42.2	13.82	13.79	13.48
WHOLESALE TRADE	401.80	394.02	387.03	40.1	39.6	39.9	10.02	9.95	9.70
RETAIL TRADE	179.27	178.92	179.42	28.5	28.4	28.8	6.29	6.30	6.23
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	295.22	282.73	290.00	....	....	....	.....	.....	.....

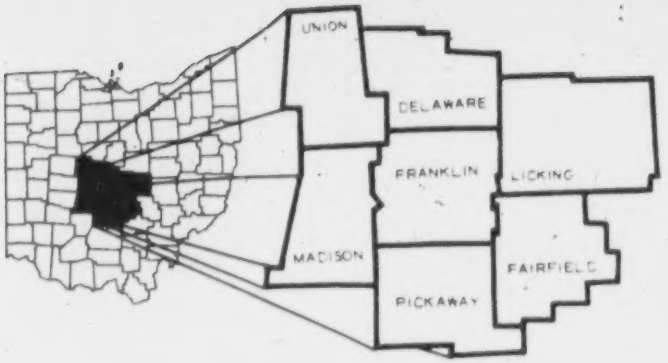
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay and glass products; miscellaneous manufacturing. [f]Includes tobacco manufactures, textile mill products, petroleum and coal products, leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	December 1986	November 1986	December 1985
Employment Service Program			
New Applicants	INA	7,117	7,289
Active File of Job Seekers	INA	104,344	116,889
Referrals to Jobs	INA	2,432	1,838
Placements	INA	430	517
Job Openings Received	INA	931	1,120
Job Openings Unfilled	INA	2,523	2,391
Unemployment Insurance Program			
Initial Claims	12,482	7,932	14,317
Continued Claims	78,088	60,033	80,730
First Payments	4,193	2,816	4,783
Last Payments	1,265	1,071	1,510
Weeks Compensated	57,469	47,535	65,113
Benefits Paid	$8,492,819	$6,998,421	$9,562,667
Average Weekly Payment	$150.55	$150.00	$149.50

INA - Information Not Available.

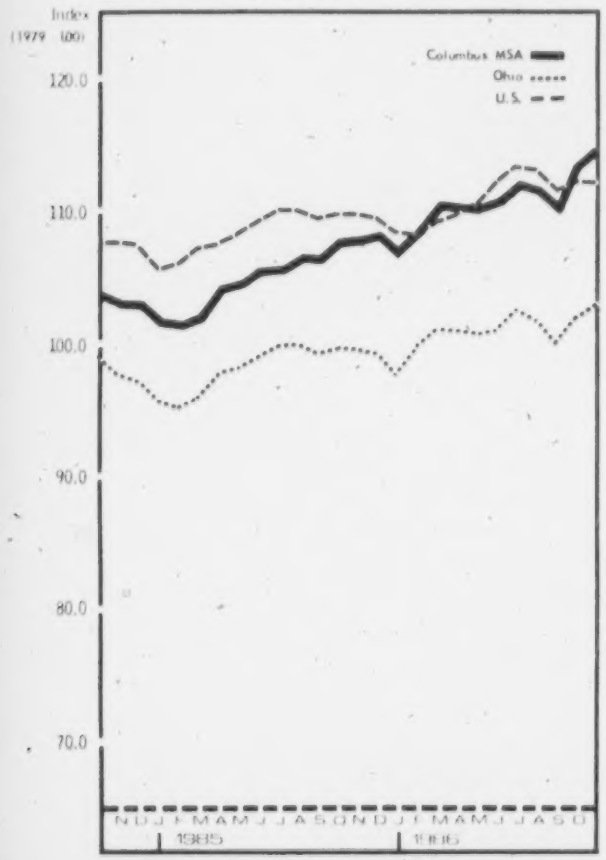
COLUMBUS METROPOLITAN STATISTICAL AREA



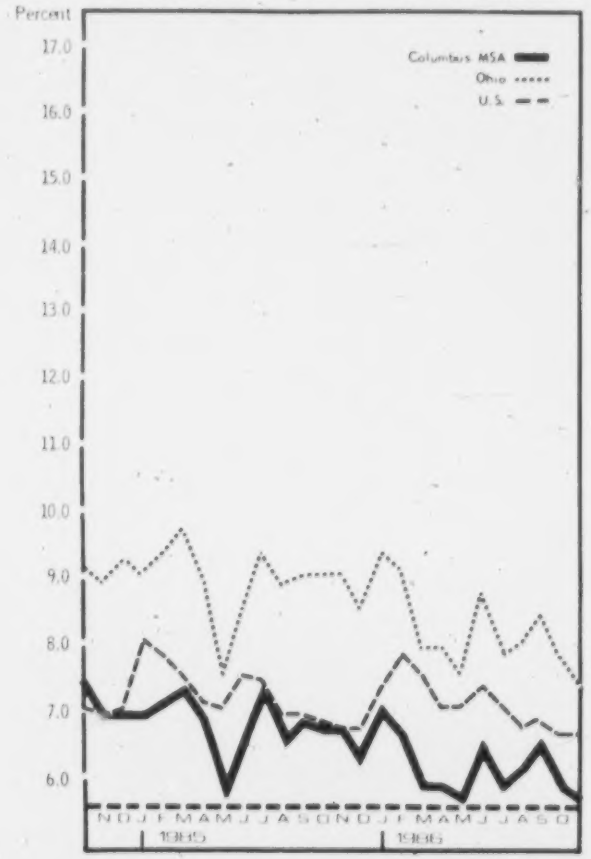
Nonfarm wage and salary employment in the Columbus area rose 1,600 from November, to 663,500. Nonmanufacturing employment increased 1,800 over the month. Seasonal growth in retail trade offset declines in construction and services. Manufacturing dropped slightly, to 104,700, due to losses in fabricated metal products. Production workers in manufacturing worked an average of 41.5 hours per week, up .2 hours from November. Their average hourly earnings were $11.43, up $.10.

Nonagricultural employment rose 32,100 since December 1985. Although all nonmanufacturing industries recorded gains, significant growth was noted in services and retail trade. Manufacturing was down 2,400, with losses in fabricated metal products, nonelectrical machinery, and electric and electronic equipment.

INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



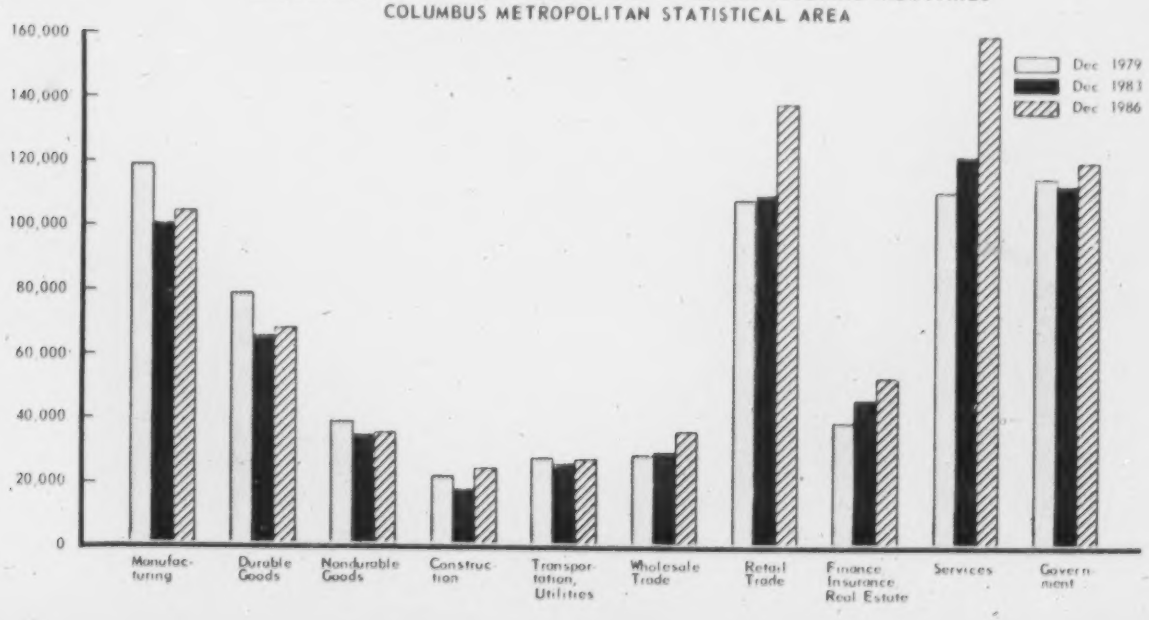
Columbus MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed	Unemployed				Manufacturing Employment				
		Total	Rate				Manufacturing Production Workers			
								Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	488.2	106.6	INA	INA	INA	INA
INA	INA	INA	INA	1976	500.0	108.1	INA	INA	INA	INA
INA	INA	INA	INA	1977	517.6	113.6	INA	INA	INA	INA
INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.7	587.4	60.3	9.3	1983	548.5	98.7	INA	INA	INA	INA
633.5	584.3	49.2	7.8	1984	576.4	104.7	69.3	$426.06	40.5	$10.52
650.4	606.7	43.7	6.7	1985	600.5	105.9	70.8	442.95	40.9	10.83
				1985						
667.3	622.6	44.7	6.7	November	627.4	106.8	71.3	456.62	41.7	10.95
665.3	624.3	41.0	6.2	December	631.4	107.1	71.4	463.14	41.8	11.08
				1986						
661.3	615.1	46.2	7.0	January	620.0	106.8	71.0	451.95	40.8	11.05
671.5	627.0	44.5	6.6	February	619.3	106.3	70.9	453.46	41.0	11.06
676.4	637.2	39.1	5.8	March	624.9	105.7	70.4	460.50	41.3	11.15
675.6	636.5	39.1	5.8	April	635.1	105.7	70.6	462.44	41.4	11.17
672.6	634.8	37.8	5.6	May	642.0	105.3	70.0	461.44	41.2	11.20
683.7	639.4	44.3	6.5	June	646.8	105.0	69.7	460.43	41.0	11.23
686.4	646.7	39.7	5.8	July	640.3	104.8	69.4	458.18	40.8	11.23
686.1	644.5	41.6	6.1	August	644.6	105.0	69.8	461.66	41.0	11.26
677.5	633.5	44.0	6.5	September	651.8	106.1	70.7	465.86	41.3	11.28
694.6	654.2	40.3	5.8	October	658.4	103.9	68.7	459.82	40.8	11.27
698.6	659.8	38.8	5.6	November	661.9	104.8	70.0	467.93	41.3	11.33
INA	INA	INA	INA	December	663.5	104.7	69.8	474.35	41.5	11.43

(INA Information not available)

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
COLUMBUS METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Columbus MSA

	Employment (in thousands)			Change[d] (in thousands)	
	December 1986[b]	November 1986[c]	December 1985[c]	From Last Month	From Last Year
TOTAL	663.5	661.9	631.4	1.6	32.1
MANUFACTURING	104.7	104.8	107.1	- .2	- 2.4
Durable Goods[e]	68.4	68.6	71.0	- .2	- 2.6
Stone, clay, and glass products	11.6	11.5	11.4	.1	.3
Glass and glassware, pressed or blown	4.6	4.5	4.2	.1	.5
Fabricated metal products	9.1	9.3	10.3	- .2	- 1.2
Fabricated structural metal products	2.8	2.9	3.0	- .1	- .2
Machinery, except electrical	9.4	9.4	10.3	.0	- 1.0
Electric and electronic equipment	10.3	10.3	11.1	.0	- .8
Transportation equipment	16.5	16.5	16.2	.0	.3
Instruments and related products	4.3	4.3	4.5	.0	- .2
Nondurable Goods[f]	36.3	36.2	36.1	.0	.1
Food and kindred products	9.7	9.7	9.7	.0	.1
Printing and publishing	10.1	10.1	9.8	.0	.3
Chemicals and allied products	6.8	6.8	6.8	.0	.0
Rubber and misc. plastics products	5.3	5.3	5.3	.0	- .1
NONMANUFACTURING	558.9	557.1	524.3	1.8	34.6
CONSTRUCTION	25.0	26.1	22.0	- 1.1	3.0
TRANSPORTATION AND PUBLIC UTILITIES	27.4	27.3	26.3	.1	1.2
Trucking and warehousing	12.2	12.0	11.2	.2	1.1
Communication, electric, gas services	10.7	10.8	11.1	.0	- .3
WHOLESALE TRADE	35.7	35.7	34.2	.0	1.5
Wholesale trade-durable goods	24.1	24.1	22.9	.0	1.2
RETAIL TRADE	137.6	135.3	129.4	2.3	8.2
General merchandise stores	18.6	17.7	18.7	.9	- .1
FINANCE, INSURANCE, AND REAL ESTATE	53.3	53.1	50.3	.2	3.0
Banking	11.6	11.6	11.1	.0	.5
Insurance carriers	20.5	20.5	19.7	.0	.8
SERVICES	158.8	159.6	144.4	- .8	14.4
Business services	37.1	37.4	32.4	- .3	4.7
Health services	38.4	38.2	36.5	.2	1.9
GOVERNMENT	120.0	119.0	116.7	1.1	3.3
Federal government	15.5	15.5	15.4	.0	.1
State government	53.5	52.6	51.8	.8	1.6
State government education	23.7	23.1	23.2	.7	.5
State government, except education	29.7	29.6	28.6	.1	1.1
Local government	51.1	50.8	49.4	.2	1.6
Local government education	30.9	30.7	29.7	.2	1.2
Local government, except education	20.1	20.1	19.8	.0	.4

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1986[b]	November 1986[c]	December 1985[c]	Dec. 1986[b]	Nov. 1986[c]	Dec. 1985[c]	Dec. 1986[b]	Nov. 1986[c]	Dec. 1985[c]
MANUFACTURING	$474.35	$467.53	$463.14	41.5	41.3	41.8	$11.43	$11.33	$11.08
Durable Goods[d]	481.56	479.41	483.84	41.3	41.4	42.0	11.66	11.58	11.52
Stone, clay, and glass products	446.98	455.49	468.03	38.5	39.3	38.9	11.61	11.59	11.73
Glass and glassware, pressed or blown	423.89	427.60	425.35	39.1	40.0	37.8	10.79	10.69	11.25
Fabricated metal products	487.60	491.21	530.45	40.0	40.9	42.2	12.19	12.01	12.57
Fabricated structural metal products	443.31	435.25	484.32	41.2	41.1	41.6	10.76	10.59	10.20
Machinery, except electrical	446.22	449.35	423.54	40.8	41.8	41.2	10.91	10.75	10.28
Electric and electronic equipment	464.84	464.02	481.24	41.1	41.1	42.4	11.31	11.29	11.35
Transportation equipment	597.76	565.04	555.34	45.7	43.7	43.9	13.08	12.93	12.65
Instruments and related products	367.82	384.30	403.22	38.8	39.7	42.4	9.48	9.68	9.51
Nondurable Goods[e]	455.36	444.55	416.12	41.7	41.2	41.2	10.92	10.79	10.10
Food and kindred products	429.04	419.02	383.26	40.9	40.8	40.5	10.49	10.27	9.71
Printing and publishing	617.78	608.07	495.73	40.2	39.6	40.7	12.88	12.83	12.18
Chemicals and allied products	561.08	541.01	512.67	43.8	42.7	43.3	12.81	12.67	11.84
Rubber and misc. plastics products	347.31	348.89	315.46	42.2	42.1	40.6	8.23	8.28	7.77
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	568.06	568.79	548.51	41.5	41.7	41.1	13.64	13.64	13.37
WHOLESALE TRADE	343.04	338.07	306.89	38.5	38.2	38.7	8.91	8.85	7.93
RETAIL TRADE[f]	170.81	165.87	174.32	28.0	28.5	29.9	5.89	5.82	5.83
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	.....	.....	.....
Banking	249.75	248.06	241.53	....	....	....	.....	.....	.....

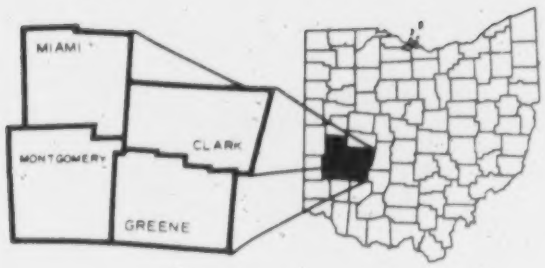
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products, furniture and fixtures, primary metal industries, miscellaneous manufacturing. [f]Includes tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, petroleum and coal products, leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities, State schools for the deaf and blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	December 1986	November 1986	December 1985
EMPLOYMENT SERVICE PROGRAM			
New Applicants	INA	4,114	4,532
Active File of Job Seekers	INA	34,524	40,563
Referrals to Jobs	INA	1,787	1,975
Placements	INA	617	829
Job Openings Received	INA	1,218	1,462
Job Openings Unfilled	INA	5,019	7,574
Unemployment Insurance Program			
Initial Claims	7,759	5,564	8,898
Continued Claims	49,655	35,770	46,903
First Payments	2,637	2,413	2,728
Last Payments	655	607	569
Weeks Compensated	35,962	27,413	35,757
Benefits Paid	$5,368,442	$4,091,830	$5,205,277
Average Weekly Payment	$152.87	$152.68	$148.82

INA - Information Not Available.

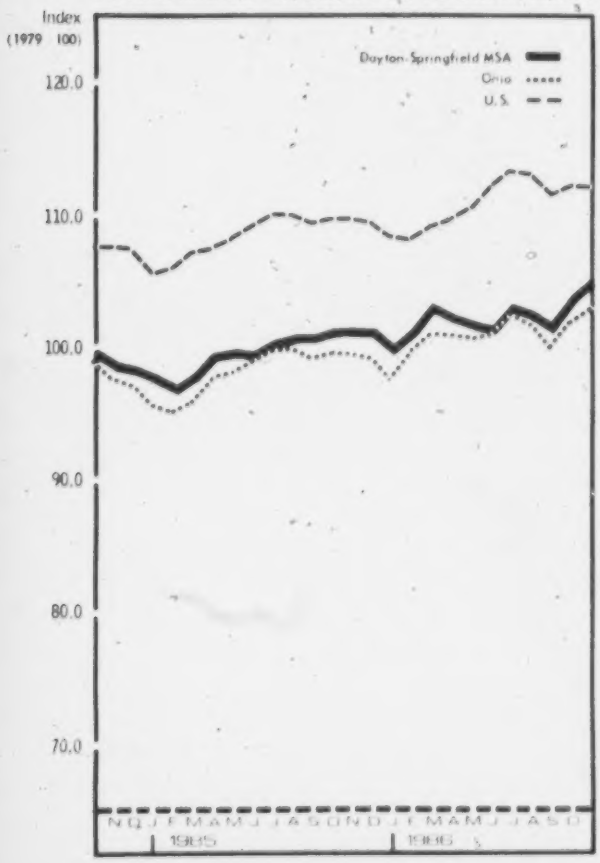
DAYTON - SPRINGFIELD METROPOLITAN STATISTICAL AREA



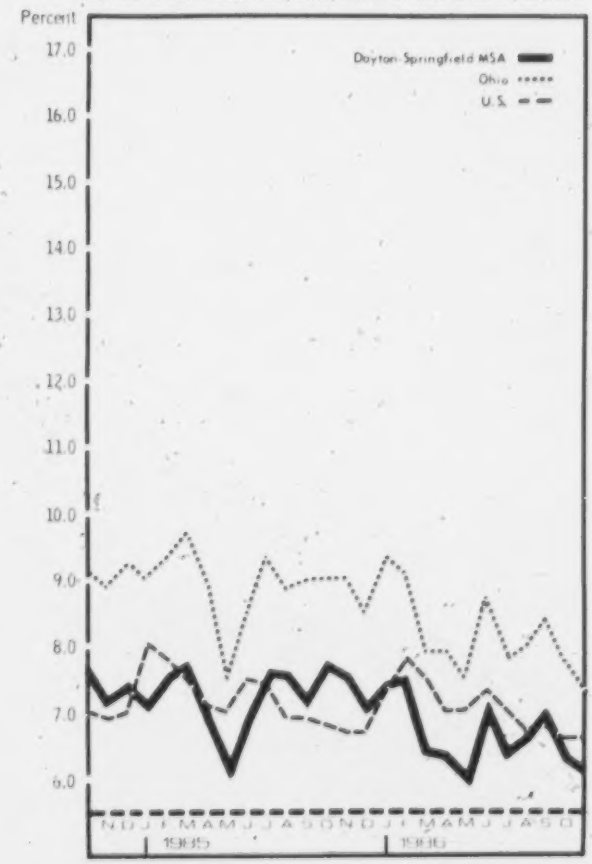
From November to December 1986, Dayton-Springfield MSA nonagricultural wage and salary employment increased 1,100 to 432,900. The increase occurred in nonmanufacturing, with retail trade having the greatest improvement. Manufacturing employment was little changed over the month at 104,300. Hourly earnings of production workers increased $.04, to $11.97 an hour. The average workweek remained constant at 42.4 hours.

Nonagricultural employment rose 14,700 over the year. The increase occurred in nonmanufacturing, with significant improvements in services, especially business services, retail trade and construction. Manufacturing employment declined 2,200 between December 1985 and 1986. The greatest reductions were recorded in nonelectrical machinery and rubber and miscellaneous plastics products.

INDEXES OF TOTAL EMPLOYMENT
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



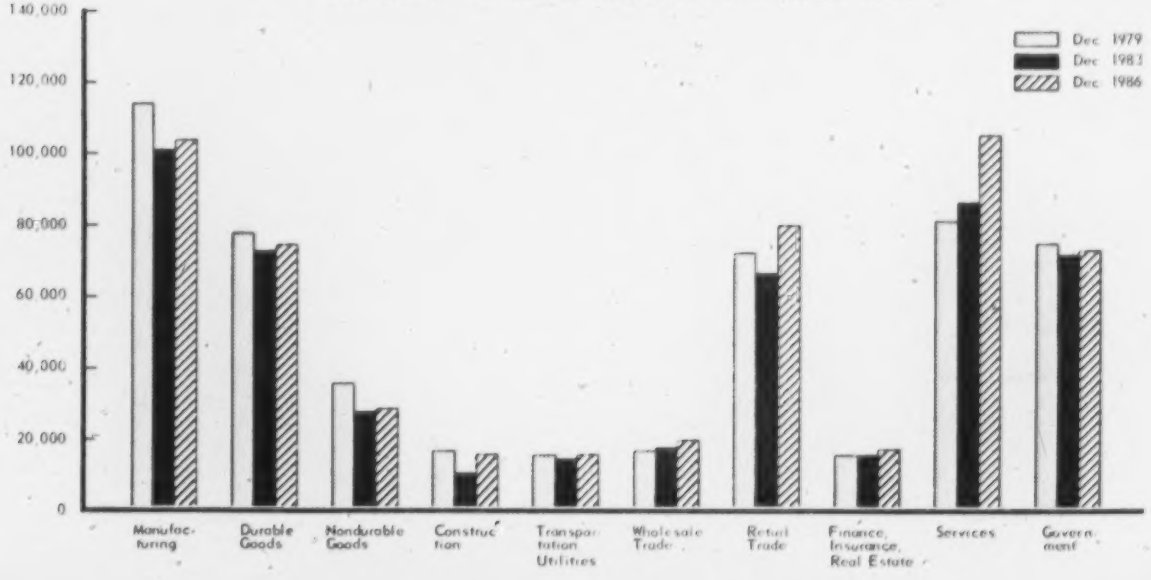
Dayton-Springfield MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	360.1	112.5	INA	INA	INA	INA
INA	INA	INA	INA	1976	370.7	116.3	INA	INA	INA	INA
INA	INA	INA	INA	1977	383.8	121.8	INA	INA	INA	INA
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.3	INA	INA	INA	INA
INA	INA	INA	INA	1981	383.2	100.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.1	96.5	INA	INA	INA	INA
440.0	404.8	35.2	8.0	1984	392.7	103.7	67.7	$480.89	42.9	$11.21
447.9	415.6	32.3	7.2	1985	407.8	108.4	69.1	517.10	43.2	11.97
				1985						
456.5	422.2	34.2	7.5	November	417.4	108.8	69.4	518.15	43.0	12.05
453.7	421.7	31.9	7.0	December	418.2	109.0	69.3	540.92	44.6	12.33
				1986						
448.1	414.8	33.2	7.4	January	403.3	105.7	66.5	534.65	43.7	12.23
457.2	422.7	34.5	7.5	February	403.1	105.5	66.3	532.01	43.8	12.16
459.4	429.9	29.5	6.4	March	413.1	105.2	67.3	520.44	45.4	12.13
455.1	426.3	28.8	6.3	April	417.0	106.7	67.7	510.85	42.5	12.02
450.9	424.4	26.5	5.9	May	421.0	106.6	67.5	515.31	42.8	12.04
455.5	423.0	32.5	7.1	June	419.3	104.5	67.0	518.06	43.1	12.02
459.2	430.0	29.1	6.3	July	418.0	104.1	66.5	511.28	42.5	12.03
458.2	427.8	30.4	6.6	August	420.2	104.4	66.8	502.25	42.1	11.93
455.0	423.4	31.6	7.0	September	427.6	104.7	67.2	516.52	42.9	12.04
462.9	433.7	29.2	6.3	October	430.0	104.3	67.0	502.74	42.0	11.97
466.8	438.5	28.2	6.1	November	431.8	106.2	67.2	505.83	42.4	11.93
INA	INA	INA	INA	December	432.9	108.3	67.3	507.53	42.4	11.97

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Dayton-Springfield MSA

	Employment (in thousands)			Change[a] (in thousands)	
	December 1986[b]	November 1986[c]	December 1985[c]	From Last Month	From Last Year
TOTAL	432.9	431.8	418.2	1.1	14.7
MANUFACTURING	104.3	104.2	106.6	.1	- 2.3
Durable Goods[f]	75.3	75.2	77.0	.1	- 1.6
Fabricated metal products	8.3	8.3	8.2	.0	.1
Machinery, except electrical	30.9	30.8	32.0	.1	- 1.1
Metalworking machinery	6.7	6.7	7.0	.0	- .3
General industrial machinery	2.8	2.8	2.7	.0	.1
Electric and electronic equipment	5.4	5.3	5.5	.1	- .1
Electrical industrial apparatus	3.0	2.9	3.0	.0	.0
Transportation equipment	21.8	21.9	22.2	- .1	- .3
Nondurable Goods[f]	29.0	29.0	29.6	.0	- .7
Food and kindred products	2.9	2.9	3.0	.0	- .2
Paper and allied products	5.8	5.8	5.8	.0	.0
Printing and publishing	8.7	8.7	8.6	.0	.1
Rubber and misc. plastics products	7.9	7.9	8.4	.0	- .5
NONMANUFACTURING	328.6	327.6	311.6	1.0	17.0
CONSTRUCTION	16.4	17.3	14.4	- .9	2.1
TRANSPORTATION AND PUBLIC UTILITIES	16.9	15.7	14.7	.2	1.2
Communication, electric, gas services	5.8	5.8	5.9	.0	- .1
WHOLESALE TRADE	20.3	20.1	19.8	.1	.6
Wholesale trade-durable goods	13.8	13.7	13.3	.1	.5
RETAIL TRADE	80.2	78.8	76.0	1.4	4.3
General merchandise stores	13.2	12.3	13.0	.9	.2
FINANCE, INSURANCE, AND REAL ESTATE	17.6	17.5	16.8	.1	.7
Banking	4.3	4.3	4.1	.0	.2
Credit agencies other than banks	4.9	4.9	4.5	.0	.4
Insurance carriers	2.6	2.6	2.8	.0	- .2
SERVICES	104.9	105.1	96.8	- .2	8.1
Business services	24.8	24.8	21.6	.0	3.2
Health services	34.8	34.7	34.0	.1	.8
Educational services	8.6	8.9	6.8	- .3	1.7
GOVERNMENT	72.9	72.7	73.2	.2	- .3
Federal government	27.2	27.0	27.7	.2	- .5
State government	6.9	7.0	6.7	- .1	.2
State government education	4.3	4.4	4.1	- .1	.1
State government, except education	2.6	2.6	2.6	.0	.0
Local government	38.9	38.7	38.8	.1	.1
Local government education	24.7	24.6	24.6	.1	.1
Local government, except education	14.1	14.1	14.2	.0	.0

Dayton-Springfield MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1986[b]	November 1986[c]	December 1985[c]	Dec. 1986[b]	Nov. 1986[c]	Dec. 1985[c]	Dec. 1986[b]	Nov. 1986[c]	Dec. 1985[c]
MANUFACTURING	$557.53	$508.83	$549.92	42.4	42.4	44.6	$11.97	$11.93	$12.31
Durable Goods[d]	515.01	513.25	570.52	42.4	42.3	45.1	12.17	12.11	12.65
Fabricated metal products	403.22	395.64	383.72	42.1	42.0	41.8	9.51	9.42	9.28
Machinery, except electrical	551.18	540.99	582.63	43.4	42.8	45.2	12.70	12.64	12.89
Metalworking machinery	577.39	527.61	585.14	47.6	44.3	48.6	12.13	11.91	12.04
General industrial machinery	442.22	397.84	437.64	41.7	38.7	42.0	10.60	10.28	10.42
Electric and electronic equipment	440.64	411.63	381.22	45.9	44.5	41.8	9.60	9.25	9.12
Electrical industrial apparatus	550.62	499.63	437.31	48.7	46.7	43.6	11.28	10.70	10.03
Transportation equipment	996.36	603.96	735.63	41.1	42.0	48.2	14.81	14.38	15.26
Nondurable Goods[d]	484.08	486.78	493.19	42.5	42.7	43.3	11.39	11.40	11.39
Food and kindred products	347.15	347.70	379.78	42.6	43.3	43.6	8.15	8.03	8.71
Paper and allied products	496.89	491.04	462.67	46.7	46.5	45.9	10.64	10.56	10.08
Printing and publishing	425.32	429.84	434.11	39.2	39.8	40.8	10.85	10.80	10.64
Rubber and misc. plastics products	589.37	616.85	641.62	41.1	42.6	43.9	14.34	14.48	14.62
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	535.99	536.51	539.68	40.3	40.4	40.7	13.30	13.28	13.26
WHOLESALE TRADE	400.79	403.40	378.40	40.2	40.3	41.4	9.97	10.01	9.14
RETAIL TRADE[e]	157.25	154.83	162.11	28.8	28.1	30.3	5.46	5.51	5.35

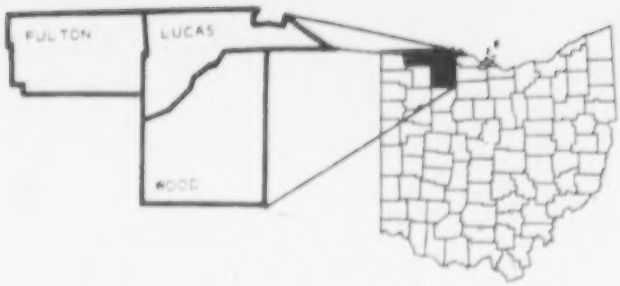
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Includes mining. [g]Money payments only; tips not included. [h]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	December 1986	November 1986	December 1985
Employment Service Program			
New Applicants	INA	2,565	3,349
Active File of Job Seekers	INA	23,880	30,899
Referrals to Jobs	INA	1,043	1,389
Placements	INA	190	310
Job Openings Received	INA	616	527
Job Openings Unfilled	INA	1,442	1,362
Unemployment Insurance Program			
Initial Claims	6,614	3,645	5,229
Continued Claims	34,280	23,085	35,256
First Payments	1,779	1,415	1,933
Last Payments	408	373	468
Weeks Compensated	22,950	18,177	26,068
Benefits Paid	$3,182,173	$2,527,117	$3,610,514
Average Weekly Payment	$141.56	$142.09	$141.65

INA-INFORMATION NOT AVAILABLE.

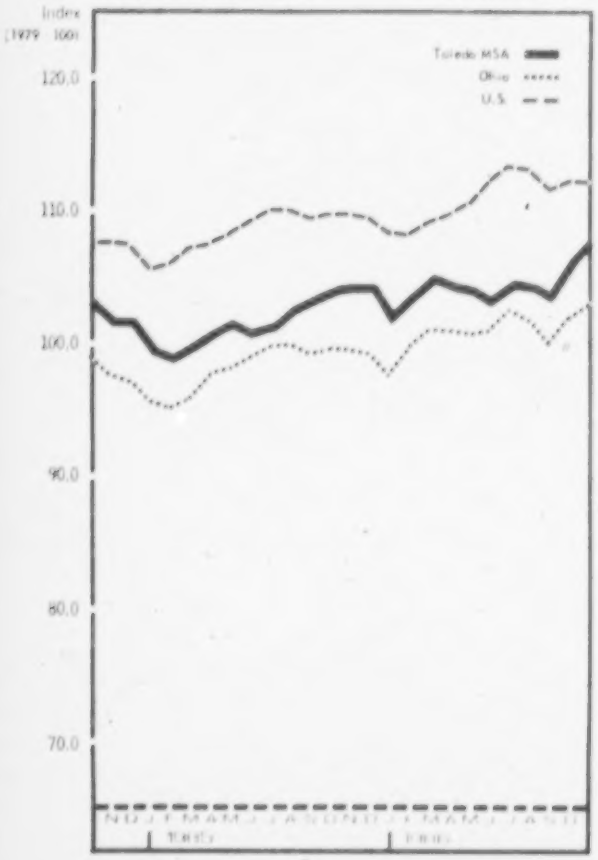
TOLEDO
METROPOLITAN STATISTICAL AREA



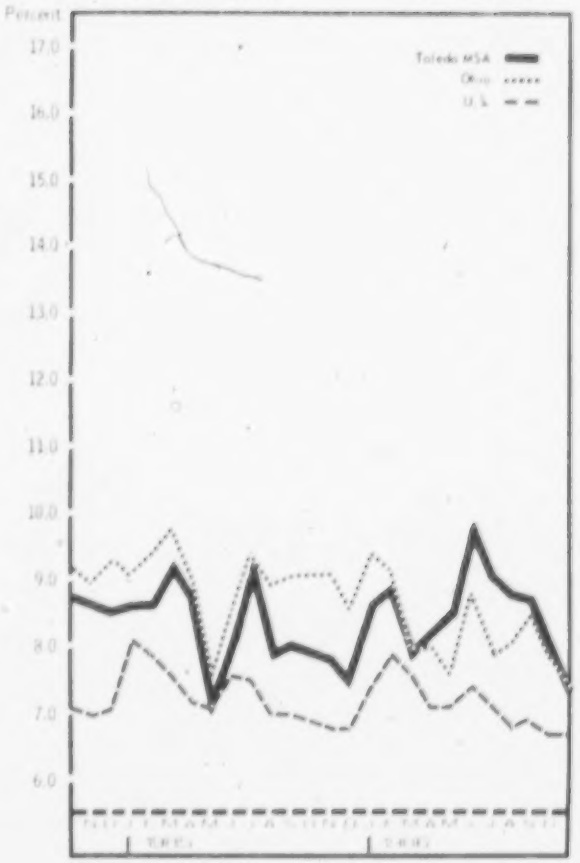
Toledo nonagricultural wage and salary employment in December was 281,100, an increase of 400 from the previous month. In nonmanufacturing, gains in retail trade overshadowed losses in construction. Manufacturing employment remained unchanged at 62,100. Production workers in manufacturing worked an average of 43.2 hours per week in December, up 1.1 hours. They earned $12.63 an hour, up $.16 from last month.

Since December 1985, Toledo nonagricultural wage and salary employment increased 6,900. The improvement occurred in nonmanufacturing, with the largest gains in services, retail trade, and finance, insurance, and real estate. Manufacturing employment declined 4,200 over the year, due chiefly to losses in durable goods, especially transportation equipment.

INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



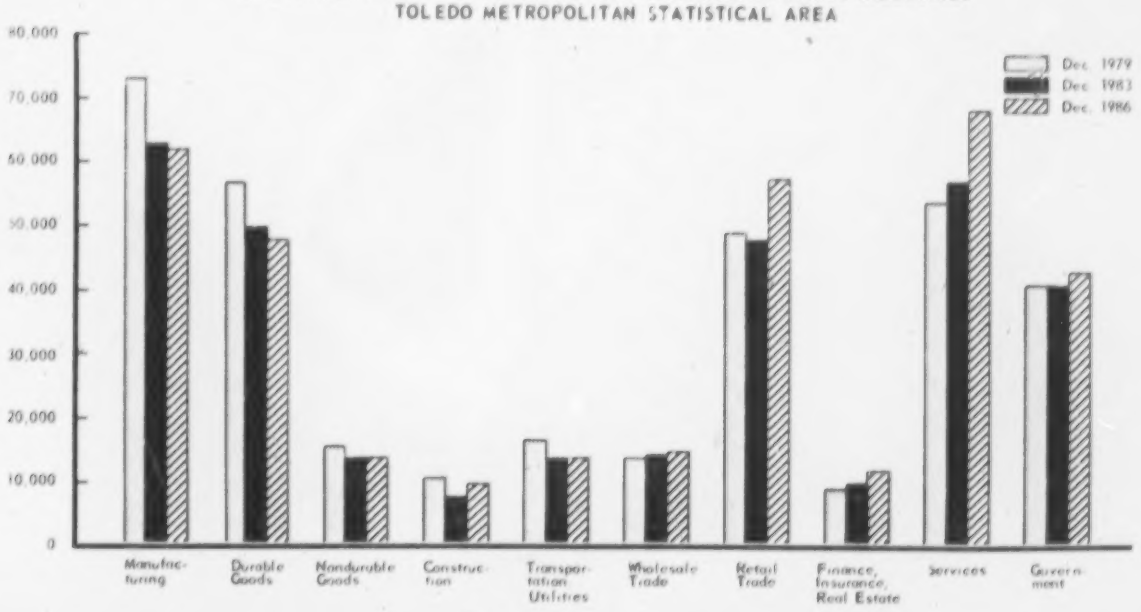
Toledo MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed	Unemployed				Manufacturing Employment				
		Total	Rate				Manufacturing Production Workers			
								Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	241.0	70.9	INA	INA	INA	INA
INA	INA	INA	INA	1976	248.3	74.5	INA	INA	INA	INA
INA	INA	INA	INA	1977	256.3	77.2	INA	INA	INA	INA
INA	INA	INA	INA	1978	266.7	79.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.6	[illegible]	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.[illegible]	$502.42	43.2	$11.63
295.5	271.3	24.2	8.2	1985	264.4	65.6	46.2	523.55	42.6	12.29
				1985						
301.7	278.1	23.6	7.8	November	273.2	66.2	46.8	531.15	42.8	12.41
300.4	278.2	22.2	7.4	December	274.2	66.2	46.7	537.84	43.2	12.45
				1986						
296.8	271.4	25.4	8.6	January	266.5	60.0	46.6	532.39	42.9	12.41
303.1	276.1	27.0	8.9	February	264.5	63.3	44.0	536.68	42.9	12.51
303.5	279.9	23.7	7.8	March	266.5	63.0	43.4	529.91	42.7	12.41
302.7	277.9	24.8	8.2	April	270.0	62.6	43.2	516.23	41.8	12.35
302.8	277.0	25.7	8.5	May	273.0	62.1	42.8	524.55	42.2	12.43
305.0	274.8	30.2	9.9	June	270.2	62.3	43.1	524.12	42.2	12.42
306.7	278.7	28.0	9.1	July	268.1	62.0	42.7	526.25	42.1	12.50
305.1	278.3	26.8	8.8	August	271.3	63.3	44.0	519.90	42.2	12.32
302.8	276.3	26.4	8.7	September	277.1	63.7	44.6	524.36	42.7	12.28
308.4	284.1	24.3	7.9	October	279.6	62.4	43.3	531.65	42.6	12.48
310.4	287.8	22.6	7.3	November	280.7	62.1	43.7	524.89	42.1	12.47
INA	INA	INA	INA	December	281.1	62.1	43.7	545.62	43.2	12.63

(INA - Information not available)

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
TOLEDO METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Toledo MSA

	Employment (in thousands)			Change[d] (in thousands)	
	December 1986[b]	November 1986[c]	December 1985[c]	From Last Month	From Last Year
TOTAL	281.1	280.7	274.2	.4	6.9
MANUFACTURING	62.1	62.1	66.2	.0	- 4.1
Durable Goods[e]	47.7	47.9	52.4	- .2	- 4.7
Stone, clay, and glass products	8.1	8.2	8.9	.0	- .7
Primary metal industries	3.2	3.2	3.4	.0	- .2
Fabricated metal products	7.8	7.8	7.9	.0	- .1
Metal forgings and stampings	3.6	3.6	3.7	.0	- .1
Machinery, except electrical	6.0	6.0	6.2	.0	- .2
Electric and electronic equipment	2.7	2.7	3.0	.0	- .2
Transportation equipment	15.7	15.8	19.1	- .2	- 3.4
Motor vehicles and equipment	14.8	14.9	18.0	- .1	- 3.1
Nondurable Goods[f]	14.4	14.2	13.8	.2	.6
Food and kindred products	3.8	3.7	3.7	.1	.1
Rubber and misc. plastics products	3.2	3.2	2.9	.0	.3
NONMANUFACTURING[g]	219.0	218.6	208.0	.4	11.0
CONSTRUCTION	9.8	10.5	9.1	- .7	.7
TRANSPORTATION AND PUBLIC UTILITIES	14.3	14.3	14.1	.0	.3
Trucking and warehousing	5.9	5.9	5.7	.0	.2
Communication, electric, gas services	4.7	4.7	4.7	.0	.0
WHOLESALE TRADE	15.1	15.2	14.9	- .1	.2
Wholesale trade-durable goods	10.0	10.0	9.9	- .1	.1
RETAIL TRADE	57.5	56.1	54.1	1.3	3.4
General merchandise stores	8.3	7.8	8.1	.4	.2
FINANCE, INSURANCE AND REAL ESTATE	11.8	11.8	10.7	.0	1.1
Banking	4.0	4.0	3.6	.0	.4
SERVICES	67.7	67.7	62.9	.0	4.8
Business services	13.0	12.9	11.5	.1	1.5
Health services	25.9	25.9	24.8	.0	1.1
GOVERNMENT	42.6	42.7	42.0	- .1	.6
State government	16.1	16.3	15.6	- .3	.4
State government education	12.2	12.4	11.8	- .3	.4
State government, except education	3.9	3.9	3.8	.0	.1
Local government	23.9	23.8	23.7	.2	.2
Local government education	14.2	14.0	13.7	.2	.4
Local government, except education	9.8	9.8	10.0	.0	- .2

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1986[b]	November 1986[c]	December 1985[c]	Dec. 1986[b]	Nov. 1986[c]	Dec. 1985[c]	Dec. 1986[b]	Nov. 1986[c]	Dec. 1985[c]
MANUFACTURING	$545.62	$524.99	$537.84	43.2	42.1	43.2	$12.63	$12.47	$12.45
Durable Goods[e]	561.59	547.33	566.77	43.1	42.2	43.8	13.03	12.97	12.94
Stone, clay, and glass products	540.04	539.71	593.97	43.1	42.8	45.1	12.53	12.61	13.17
Primary metal industries	502.39	504.41	537.04	43.8	43.9	47.4	11.47	11.49	11.33
Fabricated metal products	556.98	504.69	501.62	44.1	41.3	42.8	12.63	12.22	11.72
Metal forgings and stampings	694.08	589.53	599.84	48.1	43.0	44.4	14.43	13.71	13.51
Machinery, except electrical	491.06	477.24	466.09	43.0	41.9	42.8	11.42	11.39	10.89
Electric and electronic equipment	588.53	562.72	537.59	45.8	44.1	42.7	12.85	12.76	12.59
Transportation equipment	648.42	644.73	655.87	42.8	42.5	43.9	15.15	15.17	14.94
Motor vehicles and equipment	649.47	647.28	656.56	42.7	42.5	43.8	15.21	15.23	14.99
Nondurable Goods[f]	491.19	445.95	426.40	43.7	41.6	41.0	11.24	10.72	10.40
Food and kindred products	615.02	515.58	454.16	47.2	42.4	41.1	13.03	12.16	11.05
Rubber and misc. plastics products	332.93	333.33	310.34	40.9	41.0	38.6	8.14	8.13	8.04
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	625.22	624.09	581.83	43.0	43.1	42.5	14.54	14.48	13.69
WHOLESALE TRADE	351.71	360.30	345.95	37.9	38.7	38.1	9.28	9.31	9.08
RETAIL TRADE[g]	161.16	155.77	158.24	29.9	28.9	[illegible]	5.39	5.39	5.31

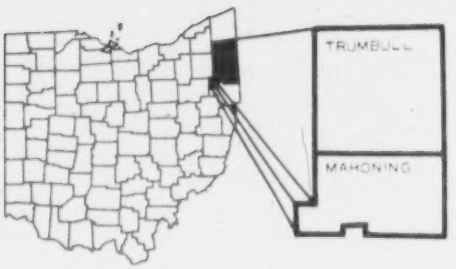
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals; the agricultural extension service; agricultural research centers; and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	December 1986	November 1986	December 1985
Employment Service Program			
New Applicants	INA	1,932	2,106
Active File of Job Seekers	INA	23,411	26,047
Referrals to Jobs	INA	836	1,007
Placements	INA	399	613
Job Openings Received	INA	500	723
Job Openings Unfilled	INA	699	731
Unemployment Insurance Program			
Initial Claims	5,910	3,822	5,659
Continued Claims	27,765	19,188	26,422
First Payments	1,530	1,152	1,622
Last Payments	438	412	361
Weeks Compensated	19,667	15,687	18,727
Benefits Paid	$2,848,080	$2,231,457	$2,650,991
Average Weekly Payment	$148.80	$146.10	$145.35

INA - Information Not Available.

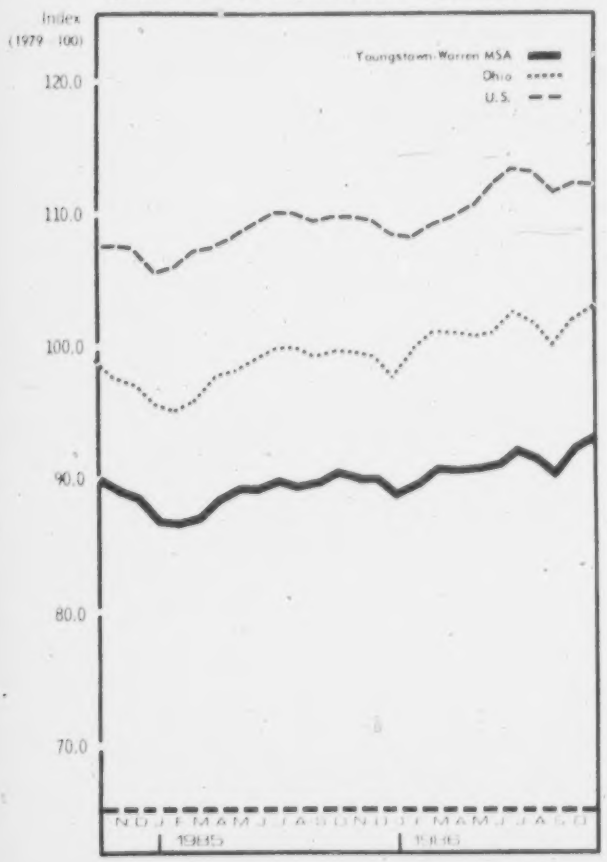
YOUNGSTOWN - WARREN METROPOLITAN STATISTICAL AREA



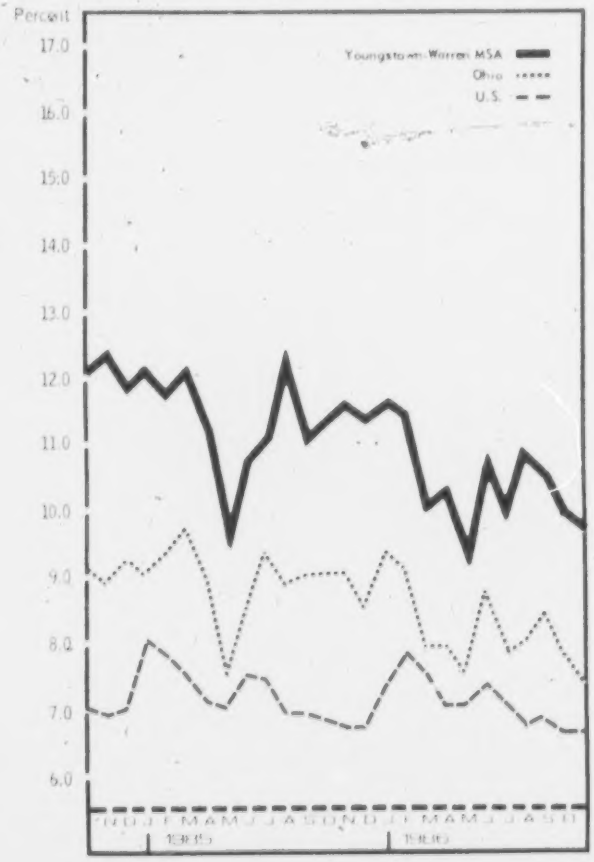
Nonagricultural wage and salary employment for the Youngstown-Warren metropolitan area totaled 193,300 in December, an increase of 300 from November. Manufacturing employment was virtually unchanged at 52,000. Transportation equipment and primary metal industries had slight increases. Gains in retail trade were negated by losses in construction. Production workers averaged a 42.7 hour workweek, up .8 hours from last month. Their average hourly earnings were up $.13 from November, to $13.45.

Nonfarm wage and salary employment advanced 5,000 from December 1985. Nonmanufacturing industries were responsible for the expansion, especially services and retail trade. Losses in primary metal industries, nonelectrical machinery, and fabricated metal products contributed to the reduction of 800 manufacturing jobs over the year.

INDEXES OF TOTAL EMPLOYMENT
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



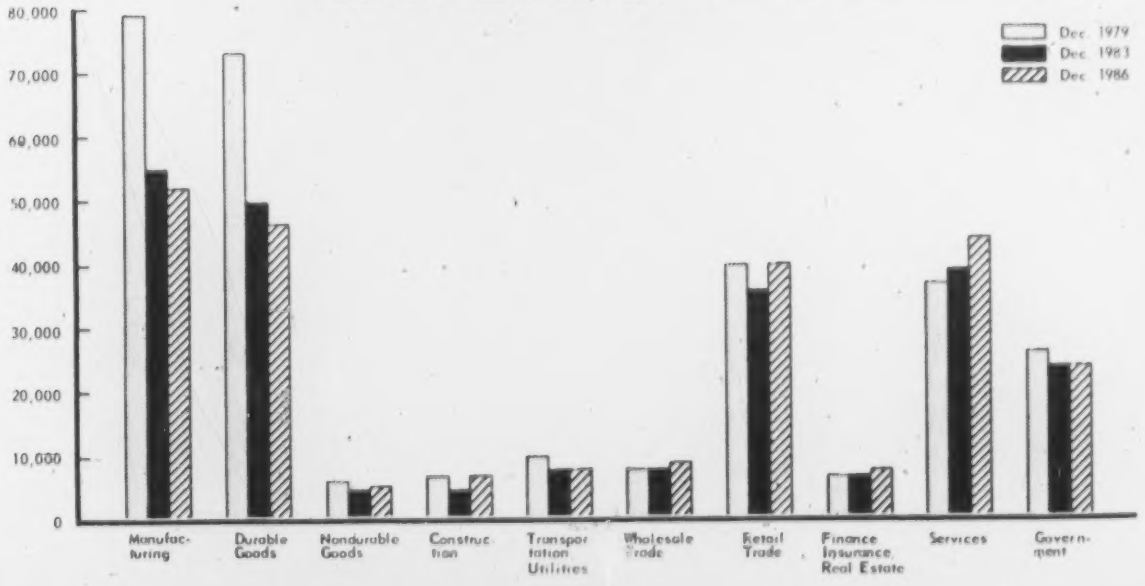
Youngstown-Warren MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed	Unemployed				Manufacturing Employment				
		Total	Rate				Manufacturing Production Workers			
								Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
236.7	209.8	26.9	11.4	1975	200.7	80.8	63.3	$246.65	38.6	$ 6.39
234.2	210.5	23.7	10.1	1976	203.5	80.6	63.3	277.29	39.5	7.02
234.0	215.0	19.0	8.1	1977	208.0	81.1	63.6	313.50	40.4	7.76
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	353.56	41.4	8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.5	16.6	1983	177.5	52.8	36.6	521.20	42.1	12.38
222.2	195.9	26.2	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
220.1	195.2	24.9	11.3	1985	183.9	52.5	39.6	570.64	43.1	13.24
				1985						
223.4	197.5	25.9	11.6	November	187.7	52.7	39.5	593.42	44.5	13.47
223.0	197.8	25.2	11.3	December	188.3	52.9	39.7	614.44	44.3	13.87
				1986						
219.5	194.0	25.5	11.6	January	184.2	52.9	39.5	574.01	42.3	13.57
222.1	196.9	25.2	11.4	February	183.2	51.9	38.7	570.12	42.2	13.51
221.6	199.5	22.1	10.0	March	184.5	51.6	38.5	549.61	41.2	13.34
221.8	198.9	22.9	10.3	April	187.0	51.4	38.3	542.93	41.1	13.21
219.5	199.4	20.1	9.2	May	190.1	51.9	38.8	533.79	40.5	13.18
224.2	200.1	24.1	10.8	June	190.9	51.8	38.7	539.97	41.0	13.17
224.8	202.6	22.2	9.9	July	188.8	51.2	38.2	542.93	41.1	13.21
225.4	200.8	24.7	10.9	August	188.6	51.3	38.3	541.03	41.3	13.10
221.8	198.4	23.4	10.5	September	192.4	52.1	39.2	557.69	41.9	13.31
225.1	202.9	22.2	9.9	October	193.0	52.1	39.3	544.75	41.3	13.19
226.2	204.4	21.8	9.7	November	193.0	51.9	39.1	558.11	41.9	13.32
INA	INA	INA	INA	December	193.3	52.0	39.2	574.32	42.7	13.45

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Youngstown-Warren MSA

	Employment (in thousands)			Change[d] (in thousands)	
	December 1986[b]	November 1986[c]	December 1985[c]	From Last Month	From Last Year
TOTAL	193.3	193.0	188.3	.3	5.0
MANUFACTURING	52.0	51.9	52.8	.1	- .8
Durable Goods	46.5	46.2	47.7	.3	- 1.1
Primary metal industries	20.4	20.3	20.9	.1	- .5
Blast furnace and basic steel products	6.8	6.8	6.7	.0	.1
Fabricated metal products	7.5	7.6	7.7	.0	- .2
Machinery, except electrical	3.2	3.1	3.4	.0	- .3
Electric and electronic equipment	2.5	2.5	2.5	.0	.0
Transportation equipment	9.9	9.7	9.9	.2	.0
Nondurable Goods	5.5	5.7	5.2	- .2	.3
NONMANUFACTURING	141.2	141.1	135.4	.1	5.8
CONSTRUCTION	6.9	7.7	6.5	- .7	.5
TRANSPORTATION AND PUBLIC UTILITIES	8.3	8.2	7.6	.1	.7
Communication, electric, gas services	3.0	3.0	3.0	.0	.0
WHOLESALE TRADE	9.0	9.1	9.1	.0	.0
Wholesale trade-durable goods	6.0	6.0	6.1	.0	- .1
RETAIL TRADE	40.4	39.7	38.9	.7	1.5
General merchandise stores	6.4	6.1	6.4	.2	- .1
FINANCE, INSURANCE, AND REAL ESTATE	8.0	7.9	7.5	.1	.5
Banking	2.6	2.6	2.5	.0	.1
SERVICES	43.6	43.7	41.1	- .1	2.5
Health services	18.4	18.4	17.9	.0	.6
GOVERNMENT	24.3	24.2	24.0	.2	.3
State government	4.0	4.1	4.1	.0	- .1
State government education	2.6	2.6	2.6	.0	- .1
State government, except education	1.5	1.4	1.5	.0	.0
Local government	18.2	18.1	17.8	.2	.4
Local government education	11.7	11.6	11.4	.1	.3
Local government, except education	6.6	6.5	6.4	.1	.1

Youngstown-Warren MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1986[b]	November 1986[c]	December 1985[c]	Dec. 1986[b]	Nov. 1986[c]	Dec. 1985[c]	Dec. 1986[b]	Nov. 1986[c]	Dec. 1985[c]
MANUFACTURING	$574.32	$558.11	$614.44	42.7	41.9	44.3	$13.45	$13.32	$13.87
Durable Goods[e]	593.40	577.72	635.10	43.0	42.2	44.6	13.80	13.69	14.24
Primary metal industries	597.79	600.70	586.71	41.6	41.6	41.0	14.37	14.44	14.31
Blast furnace and basic steel products	662.49	664.01	488.07	43.7	43.8	36.1	15.16	15.16	13.52
Fabricated metal products	570.84	564.98	627.29	42.6	42.1	44.3	13.40	13.42	14.16
Machinery, except electrical	480.38	467.31	501.93	41.7	40.6	42.9	11.52	11.51	11.70
Electric and electronic equipment	416.32	431.20	399.09	38.8	40.0	38.3	10.73	10.78	10.42
Transportation equipment	724.09	659.90	897.62	47.7	44.8	54.6	15.18	14.73	16.44
Nondurable Goods[f]	383.33	367.44	372.37	39.6	38.8	40.3	9.68	9.47	9.24
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services	538.01	541.49	532.77	40.3	40.5	41.3	13.35	13.37	12.90
WHOLESALE TRADE	332.64	336.52	320.29	37.8	37.6	37.2	8.80	8.95	8.61
RETAIL TRADE[h]	171.37	166.99	167.74	29.7	29.4	29.9	5.77	5.68	5.61

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products, furniture and fixtures, stone, clay and glass products, instruments and related products, miscellaneous manufacturing. [f]Includes food and kindred products, tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and miscellaneous plastics products, leather and leather products. [g]Includes mining. [h]Money payments only, tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	December 1986	November 1986	December 1985
Employment Service Program			
New Applicants	INA	1,851	2,269
Active File of Job Seekers	INA	30,211	32,265
Referrals to Jobs	INA	1,174	880
Placements	INA	353	361
Job Openings Received	INA	474	503
Job Openings Unfilled	INA	483	487
Unemployment Insurance Program			
Initial Claims	12,045	6,129	8,209
Continued Claims	35,271	21,451	30,708
First Payments	2,740	1,286	2,276
Last Payments	324	271	315
Weeks Compensated	24,123	17,652	23,803
Benefits Paid	$3,301,507	$2,479,656	$3,535,655
Average Weekly Payment	$147.49	$145.74	$152.81

INA - Information Not Available.

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	41
Manufacturing	60
Nonmanufacturing	35
Mining	50
Construction	20
Transportation and Public Utilities	43
Wholesale Trade	19
Retail Trade	21
Finance, Insurance, and Real Estate	44
Services and Miscellaneous	24
Government	70

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1985 benchmark.

Seasonally Adjusted Estimates

To facilitate interpretation of underlying economic trends, Civilian Labor Force and Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed. For methodology, see January 1986 issue.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow.

Production Workers—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours—Represents hours worked or paid for during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Ohio

Selected Employment Service Activities

	December 1986	November 1986	December 1985
New Applicants	INA	37,778	43,279
Active File of Job Seekers	INA	379,508	428,237
Counseling Interviews	INA	1,577	2,135
Tests Administered	INA	3,296	1,327
General Aptitude Tests	INA	211	251
Proficiency Tests	INA	432	481
Specific Aptitude Tests	INA	346	330
Referrals to Jobs	INA	18,938	17,720
Placements	INA	5,775	6,752
Job Openings Received	INA	8,392	9,056
Job Openings Unfilled	INA	22,542	21,499

Selected Unemployment Insurance Activities

	December 1986	November 1986	December 1985
Initial Claims	109,051	67,691	105,007
Continued Claims	566,783	394,157	576,558
First Payments	32,342	21,704	32,987
Last Payments	7,206	6,575	7,621
Average Weekly Claimants	116,865	96,938	127,056
Average Weekly Benefit Recipients	90,801	77,319	101,618
Weeks Compensated	397,908	307,696	417,558
Benefits Paid	$58,128,167	$45,030,837	$60,367,599
Average Weekly Payment	$150.68	$150.35	$148.42
Continued Claims for Survey Week	116,843	99,523	126,611
Insured Unemployment Rate	2.8	2.3	3.1
Net Contributions	$4,932,037	$78,350,310	$5,047,067
Active Employer Accounts	193,872	193,478	190,830

INA - Information Not Available

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